



技能試験 2021年1月～2022年3月
日本版プログラム

株式会社 **セントラル** 科学貿易
CENTRAL SCIENTIFIC COMMERCE, INC.

V4 October 2020



CONTENTS

| | PAGE |
|---|---------|
| FOOD AND BEVERAGE CHEMISTRY <食品化学分析スキーム> | 3 - 32 |
| alcohol <アルコール> | 4 |
| allergens <アレルゲン> | 4 - 5 |
| authenticity <信頼性> | 6 |
| contaminants <コンタミネーション> | 6 - 10 |
| fat, fatty acids and oils <脂肪・脂肪酸・油> | 10 - 11 |
| food additives and ingredients <食品添加物・食品成分> | 11 - 13 |
| mycotoxins <マイコトキシン> | 13 - 16 |
| nutritional and proximates <栄養素> | 16 - 19 |
| pesticides <農薬> | 20 - 23 |
| quality <品質> | 23 - 24 |
| veterinary drug residues <残留薬物（動物用）> | 24 - 27 |
| list of potential pesticide residues <残留農薬テストの農薬リスト> | 28 - 30 |
| list of potential veterinary drug residues <残留薬物の薬物リスト> | 31 - 32 |
| FOOD AND BEVERAGE MICROBIOLOGY <食品微生物分析スキーム> | 33 - 43 |
| indicator organisms <衛生指標菌> | 37 - 40 |
| pathogens <食中毒菌> | 41 - 43 |
| GM FOOD <遺伝子組換植物分析スキーム> | 44 - 46 |
| WATER AND ENVIRONMENTAL CHEMISTRY <飲料・環境水化学分析スキーム> | 47 - 76 |
| drinking water <飲料水> | 48 - 55 |
| high salinity water <高塩度水> | 55 - 58 |
| surface water <表流水> | 56 - 67 |
| waste water <排水> | 57 - 64 |
| approximate concentration ranges <おおよその濃度範囲> | 65 - 76 |
| WATER AND ENVIRONMENTAL MICROBIOLOGY <飲料・環境水微生物分析スキーム> | 77 - 82 |
| indicator organisms <衛生指標菌> | 78 - 80 |
| parasitology <寄生虫> | 81 |
| pathogens <病原菌> | 81 - 82 |



fapas[®]

食品化学分析：FAPAS

2021年1月～2022年3月

日本版プログラム

株式会社 **セントラル** 科学貿易
CENTRAL SCIENTIFIC COMMERCE, INC.

fera

Original thinking... applied

FOOD & BEVERAGE CHEMISTRY PROFICIENCY TESTS

「要大臣許可：お問い合わせください」と表示されている技能試験は輸入する際に大臣許可が必要となります。申請書を提出してから許可がおりるまでに3か月程度かかりますので、該当技能試験をご希望される場合は出荷日の3か月以上前までに弊社までご連絡ください。申請書について弊社からご案内いたします。申請書の作成、動物検疫所への提出はお客様ご自身で行う必要がございます。ラボの設備によっては許可が下りないこともございます。あらかじめご了承ください。許可が得られない場合は技能試験に参加できませんので、大臣許可が得られた時点で申込受付をさせていただきます。

※送付量の項目に'Fedex'と記載されている技能試験はFedex輸送になります。その他は国際郵便での輸送になります。

ALCOHOL <アルコール>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|----------|---|---------------------|-----------|---------|---------|
| 1398 | Whisky | alcoholic strength (real and/or apparent), ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropan-1-ol & 2-methylbutan-1-ol + 3-methylbutan-1-ol (sum) | 200 ml | 2021/3/17 | ¥67,000 | ¥18,000 |
| 1399 | Wine | alcoholic strength, total SO ₂ , total acidity, volatile acidity and wine quality indicators | 220 ml | 2021/8/5 | ¥71,000 | ¥19,000 |
| 13100 | Brandy | alcoholic strength (real and/or apparent), ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropan-1-ol, 2-methylbutan-1-ol + 3-methylbutan-1-ol (sum) & ethyl carbamate | 200 ml | 2021/11/4 | ¥71,000 | ¥19,000 |
| 13101 | Whisky | alcoholic strength (real and/or apparent), ethanal (acetaldehyde), ethyl acetate, methanol, propan-1-ol, 2-methylpropan-1-ol & 2-methylbutan-1-ol + 3-methylbutan-1-ol (sum) | 200 ml | 2022/3/9 | ¥71,000 | ¥19,000 |
| 3115 | Beverage | alcohol (ethanol) Halal Compliance Check | 3 x 200 ml Fedex | 2021/8/16 | ¥75,000 | ¥15,000 |

ALLERGENS <アレルギー>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-----------------------------|------------------------|----------|-----------|---------|---------|
| 27285 | Infant Soya Formula | milk (BLG) | 2 x 20 g | 2021/1/7 | ¥55,000 | ¥14,000 |
| 27294 | Infant Formula (Hydrolysed) | milk (BLG) | 2 x 20 g | 2021/1/15 | ¥56,000 | ¥14,000 |
| 27286 | Cooked Biscuit | gluten, milk and egg | 30 g | 2021/1/21 | ¥70,000 | ¥20,000 |
| 27287 | Chocolate | peanut, peanut protein | 2 x 20 g | 2021/2/5 | ¥55,000 | ¥14,000 |
| 27288 | Infant Soya Formula | milk (casein) & gluten | 2 x 20 g | 2021/2/18 | ¥70,000 | ¥20,000 |
| 27289 | Cumin | gluten & sesame | 2 x 20 g | 2021/2/26 | ¥71,000 | ¥14,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-----------------------------|---|--------------------|------------|----------------------|---------|
| 27290 | Flour | lupin | 2 x 20 g | 2021/3/4 | ¥71,000 | ¥14,000 |
| 27291 | Cooked Biscuit | hazelnut, peanut | 50 g | 2021/3/12 | ¥70,000 | ¥20,000 |
| 27292 | Canned Fish | histamine (high level >50 mg/kg) | 145 g | 2021/3/25 | ¥55,000 | ¥14,000 |
| 27295 | Wheat Flour | soya, soya protein | 2 x 20 g | 2021/4/9 | ¥74,000 | ¥15,000 |
| 27296 | Cake Mix | egg, egg white protein | 2 x 20 g | 2021/4/15 | ¥74,000 | ¥15,000 |
| 27297 | Garlic Powder | peanut, peanut protein | 2 x 20 g | 2021/4/29 | ¥74,000 | ¥15,000 |
| 27298 | Cake Mix | gluten | 2 x 20 g | 2021/5/7 | ¥74,000 | ¥15,000 |
| 27299 | Chocolate | hazelnut, hazelnut protein | 2 x 20 g | 2021/5/20 | ¥58,000 | ¥15,000 |
| 27300 | Instant Soup Powder | celery, mustard | 2 x 20 g | 2021/6/4 | ¥58,000 | ¥15,000 |
| 27322 | Infant Breakfast Cereal | milk (casein and BLG) | 2 x 20 g | 2021/6/16 | ¥74,000 | ¥21,000 |
| 27301 | Cake Mix | gluten, milk and egg | 2 x 30 g | 2021/7/8 | ¥90,000 | ¥21,000 |
| 27302 | Oat Based Foodstuff | gluten | 2 x 20 g | 2021/7/21 | ¥58,000 | ¥15,000 |
| 27303 | Canned Fish | histamine (low level, <50 mg/kg) | 145 g | 2021/8/6 | ¥58,000 | ¥15,000 |
| 27304 | Infant Formula (Hydrolysed) | milk (casein and BLG) | 2 x 20 g | 2021/8/26 | ¥58,000 | ¥15,000 |
| 27305 | Chocolate | almond, almond protein | 2 x 20 g | 2021/9/2 | ¥58,000 | ¥15,000 |
| 27306 | Wheat Flour | soya, soya protein | 2 x 20 g | 2021/9/23 | ¥74,000 | ¥15,000 |
| 27307 | Jam | sulphites | 80 g Fedex | 2021/9/28 | ¥75,000 | ¥15,000 |
| 27308 | Beer | gluten | 2 x 50 ml Fedex | 2021/10/11 | ¥87,000 | ¥21,000 |
| 27309 | Canned Fish | histamine (high level >50 mg/kg) | 145 g | 2021/10/29 | ¥58,000 | ¥15,000 |
| 27310 | Sauce (Cooked) | Fish | 2 x 30 g Fedex | 2021/11/1 | ¥90,000 | ¥21,000 |
| 27311 | Cake Mix | gluten & egg contamination | 2 x 30 g | 2021/11/19 | ¥82,000 | ¥21,000 |
| 27312 | Chocolate | (presence/absence) of matrix with one or more from the following list: Almond, Hazelnut, Walnut, Cashew, Pecan nut, Brazil nut, Pistachio nut, Macadamia/Queensland nut, Peanut | 50 g | 2021/11/25 | ¥74,000 | ¥21,000 |
| 27313 | Infant Soya Formula | milk (BLG) | 2 x 20 g | 2022/1/6 | ¥58,000 | ¥15,000 |
| 27314 | Cooked Biscuit | gluten, milk and egg | 30 g | 2022/1/20 | ¥74,000 | ¥21,000 |
| 27315 | Chocolate | peanut, peanut protein | 2 x 20 g | 2022/2/3 | ¥58,000 | ¥15,000 |
| 27316 | Infant Soya Formula | milk (casein) & gluten | 2 x 20 g | 2022/2/17 | ¥74,000 | ¥21,000 |
| 27317 | Cumin | gluten & sesame | 2 x 20 g | 2022/2/24 | ¥74,000 | ¥15,000 |
| 27318 | Flour | lupin | 2 x 20 g | 2022/3/2 | ¥74,000 | ¥15,000 |
| 27319 | Cooked Biscuit | hazelnut, peanut | 50 g | 2022/3/11 | ¥74,000 | ¥21,000 |
| 27320 | Canned Fish | histamine (high level >50 mg/kg) | 145 g | 2022/3/24 | ¥58,000 | ¥15,000 |
| 27321 | Sausage Meat (Raw) | gluten | 2 x 20 g Fedex | 2022/3/29 | 要大臣許可： お問い合わせください | |

AUTHENTICITY <信ぴょう性>

Adulteration <混入>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-------------------------|--|--------------------|------------|----------------------|---------|
| 2992 | Vanilla Extract | detection of adulteration | 30 g | 2021/1/12 | ¥54,000 | ¥14,000 |
| 2993 | Chicken | one or more from: beef, lamb, pork or turkey | 30 g Fedex | 2021/4/8 | 要大臣許可: お問い合わせください | |
| 2994 | Lamb | one or more from: beef, chicken, goat or pork | 30 g Fedex | 2021/7/9 | 要大臣許可: お問い合わせください | |
| 3302 | Oil | Cannabidiol | 2 x 2 ml Fedex | 2021/10/5 | ¥103,000 | ¥20,000 |
| 2996 | Herb (Origanum spp.) | detection of adulteration | 3 x 7g | 2021/11/11 | 121000 | 34000 |
| 14244 | Olive Oil | detection of adulteration | 3 x 50 ml Fedex | 2021/12/13 | 118000 | 34000 |
| 2997 | Vanilla Extract | detection of adulteration | 30 g | 2022/1/14 | 56000 | 14000 |
| 2998 | Beef | one or more from: chicken, horse, lamb or pork | 30 g Fedex | 2022/2/2 | 要大臣許可: お問い合わせください | |

Contamination <コンタミネーション>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|------|--------|--------------------------------------|-------------------|-----------|----------------------|---------|
| 3114 | Beef | pork (DNA) Halal Compliance Check | 2 x 30 g Fedex | 2021/4/20 | 要大臣許可: お問い合わせください | |

CONTAMINANTS <コンタミネーション>

Environmental Contaminants <環境汚染物質>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|--------------------------------|---|---------------|------------|----------------------|---------|
| 0697 | Palm Oil | PAHs (including PAH4 sum) | 30 ml | 2021/2/25 | ¥99,000 | ¥36,000 |
| 0698 | Shellfish | PAHs (including PAH4 sum) | 50 g Fedex | 2021/4/27 | ¥118,000 | ¥38,000 |
| 0699 | Olive Oil | all 16 EU priority PAHs (including PAH4 sum) | 30 ml | 2021/5/28 | ¥116,000 | ¥38,000 |
| 06100 | Pork | dioxins and PCBs | 70 g Fedex | 2021/6/3 | 要大臣許可: お問い合わせください | |
| 06101 | Cocoa Butter | PAHs (including PAH4 sum) | 50 g Fedex | 2021/7/6 | ¥118,000 | ¥38,000 |
| 06102 | Infant Formula | dioxins and PCBs | 70 g | 2021/8/12 | ¥104,000 | ¥38,000 |
| 06103 | Smoked Fish Product | PAHs (including PAH4 sum) | 50 g Fedex | 2021/9/6 | ¥118,000 | ¥38,000 |
| 06104 | Cod Liver Oil | dioxins and PCBs | 30 ml | 2021/10/21 | ¥104,000 | ¥38,000 |
| 06105 | Spice - Smoked Black Pepper | PAHs (including PAH4 sum) | 15 g | 2021/11/12 | ¥120,000 | ¥38,000 |
| 06106 | Cod Liver Oil | brominated flame retardants (BFRs) | 30 ml | 2021/12/9 | ¥104,000 | ¥38,000 |
| 06108 | Palm Oil | PAHs (including PAH4 sum) | 30 ml | 2022/2/18 | ¥104,000 | ¥38,000 |
| 06109 | Milk | dioxins and PCBs | 70 g | 2022/3/14 | ¥104,000 | ¥38,000 |

Overall Migration (Packaging Contaminants) <総移行量>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|------|--------------|---|------------------------------|------------|---------|---------|
| 1163 | Nylon Film | overall migration into ethanol by total immersion | 6 sheets, each 12 cm x 16 cm | 2021/4/14 | ¥56,000 | ¥15,000 |
| 1164 | Plastic Film | overall migration into olive oil by total immersion | to be confirmed | 2021/10/20 | ¥64,000 | ¥30,000 |

Processing Contaminants <加工時のコンタミネーション>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|---------------------------|---|----------------|-----------|---------|---------|
| 2663 | Soy Sauce | 3-MCPD, 1,3-DCP and 2-MCPD | 40 g | 2021/2/24 | ¥54,000 | ¥14,000 |
| 2664 | Vegetable Oil | 3-MCPD esters, glycidyl esters (ester-bound glycidol) and 2-MCPD esters | 50 ml | 2021/4/14 | ¥57,000 | ¥15,000 |
| 2665 | Potato Crisps | 3-MCPD esters, glycidyl esters (ester-bound glycidol) and 2-MCPD esters | 50 g | 2021/5/6 | ¥57,000 | ¥15,000 |
| 2666 | Infant Formula | 3-MCPD esters, glycidyl esters (ester-bound glycidol) and 2-MCPD esters | 50 g | 2021/6/9 | ¥63,000 | ¥18,000 |
| 2667 | Vegetable Oil | 3-MCPD esters, glycidyl esters (ester-bound glycidol) and 2-MCPD esters | 50 ml | 2021/9/15 | ¥57,000 | ¥15,000 |
| 2668 | Soy Sauce | 3-MCPD, 1,3-DCP and 2-MCPD | 40 g | 2022/2/23 | ¥57,000 | ¥15,000 |
| 30108 | Coffee | furan, 2-methylfuran & 3-methylfuran | 100 g Fedex | 2021/1/18 | ¥69,000 | ¥14,000 |
| 30109 | Potato Crisps | acrylamide | 50 g | 2021/2/10 | ¥52,000 | ¥14,000 |
| 30110 | Infant Formula | melamine & cyanuric acid (> 5 mg/kg) | 50 g | 2021/3/5 | ¥52,000 | ¥14,000 |
| 30111 | Vegetable Crisps | acrylamide | 50 g | 2021/5/7 | ¥55,000 | ¥15,000 |
| 30112 | Infant Food | acrylamide | 50 g | 2021/6/4 | ¥55,000 | ¥15,000 |
| 30113 | Animal Feed | melamine & cyanuric acid | 50 g | 2021/6/24 | ¥71,000 | ¥15,000 |
| 30114 | Biscuit (Cookie) | acrylamide | 50 g | 2021/7/30 | ¥55,000 | ¥15,000 |
| 30115 | French Fries (Pre-Cooked) | acrylamide | 50 g Fedex | 2021/9/14 | ¥88,000 | ¥15,000 |
| 30116 | Milk Powder | melamine & cyanuric acid (low levels, <5 mg/kg) | 50 g | 2021/10/6 | ¥55,000 | ¥15,000 |
| 30117 | Coffee (Instant) | acrylamide | 50 g | 2021/11/3 | ¥55,000 | ¥15,000 |
| 30118 | Crispbread | acrylamide | 50 g | 2021/12/2 | ¥55,000 | ¥15,000 |
| 30119 | Coffee | furan, 2-methylfuran & 3-methylfuran | 100 g Fedex | 2022/1/24 | ¥72,000 | ¥15,000 |
| 30120 | Potato Crisps | acrylamide | 50 g | 2022/2/17 | ¥55,000 | ¥15,000 |
| 30121 | Infant Formula | melamine & cyanuric acid (> 5 mg/kg) | 50 g | 2022/3/4 | ¥55,000 | ¥15,000 |

Specific Migration (Phthalates, BPA, PAA) <特殊移行量>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|---------------------|---|-----------|------------|---------|---------|
| 12103 | Oil | phthalates | 2 x 50 ml | 2021/3/24 | ¥53,000 | ¥14,000 |
| 12104 | 3% aq. Acetic Acid | melamine | 50 ml | 2021/5/26 | ¥56,000 | ¥15,000 |
| 12105 | 50% Aqueous Ethanol | bisphenol A | 50 ml | 2021/7/7 | ¥56,000 | ¥15,000 |
| 12106 | 3% aq. Acetic Acid | formaldehyde | 50 ml | 2021/9/1 | ¥56,000 | ¥15,000 |
| 12107 | 3% aq. Acetic Acid | total primary aromatic amines | >300 ml | 2021/10/15 | ¥56,000 | ¥15,000 |
| 12108 | 3% aq. Acetic Acid | barium, cobalt, copper, iron, lithium, manganese & zinc | 50 ml | 2021/11/24 | ¥56,000 | ¥15,000 |
| 12109 | Oil | phthalates | 2 x 50 ml | 2022/3/23 | ¥56,000 | ¥15,000 |

Trace Elements <微量元素>

注意：'natural/low levels' は分析対象物が自然状態で予想される典型的な濃度範囲であることを示しています。

'natural levels' はいくつかもしくは全ての分析項目が自然状態で予想される典型的な濃度範囲以上であることを示しています。

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|----------------------------|---|---------------|-----------|---------|---------|
| 07387 | Milk Powder | arsenic (total), cadmium, lead & mercury (total) (all natural/low levels) | 50 g | 2021/1/6 | ¥52,000 | ¥14,000 |
| 07388 | Soft Drink | antimony, arsenic (total), cadmium, chromium, copper & zinc (all high levels) | 50 ml | 2021/1/20 | ¥52,000 | ¥14,000 |
| 07389 | Canned Crab Meat | arsenic (total), arsenic (inorganic), cadmium, lead & mercury (total) (all natural levels) | 150 g | 2021/1/29 | ¥52,000 | ¥14,000 |
| 07390 | Tomato Paste | cadmium, iron, lead & tin (all high levels) | 50 g Fedex | 2021/2/8 | ¥69,000 | ¥14,000 |
| 07391 | Bivalve Molluscs (Mussels) | cadmium, lead & mercury (total) (all natural/low levels) | 50 g Fedex | 2021/2/8 | ¥69,000 | ¥14,000 |
| 07392 | Soya Lecithin (Liquid) | aluminium, arsenic (total), cadmium, lead & mercury (total) (all natural/low levels) | 50 g | 2021/2/24 | ¥52,000 | ¥14,000 |
| 07393 | Grapefruit Purée | cadmium, copper, iron, lead & tin (all high levels) | 50 g Fedex | 2021/3/23 | ¥84,000 | ¥14,000 |
| 07394 | Canned Fish | arsenic (total), mercury (total) & methyl mercury (all natural levels) | 150 g | 2021/3/31 | ¥52,000 | ¥14,000 |
| 07395 | Rice Cakes | arsenic (total), arsenic (inorganic), cadmium, lead & mercury (total) (all natural/low levels) | 35 g | 2021/4/1 | ¥55,000 | ¥15,000 |
| 07396 | Barley Flour | aluminium, arsenic (total), cadmium, copper, lead, mercury (total), nickel (all natural/low levels) | 50 g | 2021/4/15 | ¥71,000 | ¥15,000 |
| 07397 | Infant Formula | aluminium, cadmium, chromium, iodine, molybdenum, selenium, tin and nickel (all natural/low levels) | 50 g | 2021/4/23 | ¥55,000 | ¥15,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-----------------------------|---|----------------|------------|---------|---------|
| 07398 | Canned Fish | arsenic (total), cadmium & mercury (total) (all natural levels) | 150 g | 2021/4/30 | ¥55,000 | ¥19,000 |
| 07399 | Honey | cadmium & lead (all natural/low levels) | 50 g | 2021/5/5 | ¥55,000 | ¥15,000 |
| 07400 | Wheat Flour | aluminium, arsenic (total), cadmium, copper, iron, lead, mercury (total), nickel & zinc (all natural/low levels) | 50 g | 2021/5/26 | ¥71,000 | ¥15,000 |
| 07401 | Vegetable Oil | arsenic (total), copper, iron & lead (all high levels) | 50 ml | 2021/6/2 | ¥55,000 | ¥15,000 |
| 07403 | Cocoa Powder | aluminium, arsenic (total), cadmium, copper, iron, lead, manganese, nickel & zinc (all natural levels) | 50 g | 2021/6/23 | ¥71,000 | ¥15,000 |
| 07404 | Chilli Powder | arsenic (total), cadmium & lead (all high levels) | 50 g | 2021/7/1 | ¥71,000 | ¥15,000 |
| 07405 | Powdered Brown Rice | arsenic (total), arsenic (inorganic), cadmium, iron, lead & mercury (total), nickel & zinc (all natural/low levels) | 50 g | 2021/7/14 | ¥71,000 | ¥15,000 |
| 07406 | Offal (Liver) | arsenic (total), cadmium, lead & mercury (total) (all high levels) | 50 g | 2021/7/28 | ¥72,000 | ¥15,000 |
| 07407 | Wine | cadmium, copper, iron, lead & pH | 50 ml | 2021/8/4 | ¥55,000 | ¥15,000 |
| 07408 | Baby Food (Vegetable Based) | arsenic (total), cadmium & lead (all low levels) | 50 g Fedex | 2021/8/9 | ¥72,000 | ¥15,000 |
| 07409 | Herb (mixed, dried) | cadmium, lead & nickel (all natural/low levels) | 30 g | 2021/8/11 | ¥71,000 | ¥15,000 |
| 07410 | Milk Powder | arsenic (total), cadmium, lead & mercury (total) (all natural/low levels) | 50 g | 2021/8/25 | ¥55,000 | ¥15,000 |
| 07411 | Canned Fish | arsenic (total), cadmium, mercury (total) (all natural levels) | 150 g | 2021/9/3 | ¥55,000 | ¥19,000 |
| 07413 | Infant Cereal (Rice Based) | arsenic (total), arsenic (inorganic), cadmium, chromium, lead, mercury (total) & selenium (all natural/low levels) | 50 g | 2021/9/16 | ¥55,000 | ¥15,000 |
| 07414 | Fruit Juice | arsenic (inorganic) (natural/low level), cadmium, iron, lead & tin (all high levels) | 50 ml Fedex | 2021/9/28 | ¥72,000 | ¥15,000 |
| 07415 | Seaweed | arsenic (total), arsenic (inorganic), cadmium, iodine, lead, mercury (total) & nickel (all natural levels) | 25 g | 2021/10/1 | ¥55,000 | ¥15,000 |
| 07417 | Soya Flour | aluminium, arsenic (total), cadmium, lead & mercury (total) (all high levels) | 50 g | 2021/10/20 | ¥71,000 | ¥15,000 |
| 07419 | Powdered Rice | arsenic (total), arsenic (inorganic), cadmium, lead & mercury (total) (all high levels) | 50 g | 2021/11/10 | ¥71,000 | ¥15,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-----------------------------|--|---------------|------------|---------|---------|
| 07420 | Animal Feed (Cereal Based) | arsenic (total), cadmium, lead, mercury (total), nickel (all natural/low levels) | 50 g | 2021/11/25 | ¥71,000 | ¥15,000 |
| 07421 | Nutritional Food Supplement | arsenic (total), cadmium, chromium, lead & mercury (total) (all natural/low levels) | 50 g | 2021/12/1 | ¥55,000 | ¥15,000 |
| 07422 | Milk Powder | arsenic (total), cadmium, lead & mercury (total) (all natural/low levels) | 50 g | 2022/1/5 | ¥55,000 | ¥15,000 |
| 07423 | Soft Drink | antimony, arsenic (total), cadmium, chromium, copper & zinc (all high levels) | 50 ml | 2022/1/19 | ¥55,000 | ¥15,000 |
| 07424 | Bivalve Molluscs (Mussels) | cadmium, lead & mercury (total) (all natural / low levels) | 50 g Fedex | 2022/1/24 | ¥72,000 | ¥15,000 |
| 07425 | Canned Crab Meat | arsenic (total), arsenic (inorganic), cadmium, lead & mercury (total) (all natural/low levels) | 150 g | 2022/1/28 | ¥55,000 | ¥19,000 |
| 07426 | Tomato Paste | cadmium, iron, lead & tin (all high levels) | 50 g Fedex | 2022/2/8 | ¥72,000 | ¥15,000 |
| 07427 | Soya Lecithin (Liquid) | aluminium, arsenic (total), cadmium, lead & mercury (total) (all natural/low levels) | 50 ml | 2022/2/23 | ¥55,000 | ¥15,000 |
| 07429 | Grapefruit Purée | cadmium, copper, iron, lead & tin (all high levels) | 50 g Fedex | 2022/3/22 | ¥88,000 | ¥15,000 |
| 07430 | Canned Fish | arsenic (total), cadmium, mercury (total) & methyl mercury (all natural levels) | 150 g | 2022/3/31 | ¥55,000 | ¥19,000 |

FAT, FATTY ACIDS & OILS <脂肪酸・油>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|------------------|--|---------------|-----------|---------|---------|
| 14229 | Vegetable Oil | saturates, mono-unsaturates & poly-unsaturates | 30 ml | 2021/2/17 | ¥51,000 | ¥13,000 |
| 14232 | Infant Formula | total fat, saturates, mono-unsaturates, poly-unsaturates, trans fatty acids (& possibly individual fatty acids: linoleic acid, a-linolenic acid (ALA), ARA, DHA & EPA) | 50 g | 2021/4/22 | ¥54,000 | ¥16,000 |
| 14233 | Mixed Fat Spread | total fat, saturates, mono-unsaturates, poly-unsaturates & total trans fatty acids | 50 g Fedex | 2021/5/11 | ¥71,000 | ¥16,000 |
| 14235 | Vegetable Oil | saturates, mono-unsaturates & poly-unsaturates & limited fatty acid profile | 30 ml | 2021/6/30 | ¥54,000 | ¥16,000 |
| 14237 | Mixed Fat Spread | Total fat, saturates, mono-unsaturates, poly-unsaturates, total trans fatty acids, total omega-3, total omega-6 & total omega-9 series fatty acids, (& possibly individual omega-3, omega-6 & omega-9 fatty acids) | 50 g Fedex | 2021/8/16 | ¥71,000 | ¥16,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-------------------------|---|---------------|------------|---------|---------|
| 14239 | Fish Oil | Total omega-3, total omega-6 & total omega-9 series fatty acids, (& possibly individual omega-3, omega-6 & omega-9 fatty acids) | 30 ml | 2021/9/22 | ¥54,000 | ¥16,000 |
| 14240 | Biscuit (Cookie) | total fat, saturates, mono-unsaturates & poly-unsaturates, total trans fatty acids & butyric acid | 50 g Fedex | 2021/10/5 | ¥71,000 | ¥16,000 |
| 14241 | Infant Breakfast Cereal | total fat, saturates, mono-unsaturates, poly-unsaturates (& possibly individual fatty acids: linoleic acid, α -linolenic acid (ALA), ARA, DHA & EPA) | 50 g | 2021/10/21 | ¥54,000 | ¥16,000 |
| 14243 | Mixed Fat Spread | total fat, butyric acid, cholesterol & selected plant sterols | 50 g Fedex | 2021/11/30 | ¥71,000 | ¥16,000 |
| 14246 | Biscuit (Cookie) | fatty acid profile (inc. butyric acid) & cholesterol | 50 g Fedex | 2022/1/11 | ¥71,000 | ¥16,000 |
| 14247 | Vegetable Oil | saturates, mono-unsaturates & poly-unsaturates | 30 ml | 2022/2/16 | ¥54,000 | ¥16,000 |

FOOD ADDITIVES & INGREDIENTS <食品添加物・食品成分>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-----------------|--|---------------|------------|----------------------|---------|
| 03164 | Cola Drink | benzoic acid, caffeine, acesulfame-K & saccharin | 150 ml | 2021/1/15 | ¥51,000 | ¥14,000 |
| 03165 | Soft Drink | sweeteners: acesulfame-K, aspartame, cyclamate & saccharin | 150 ml | 2021/3/17 | ¥53,000 | ¥14,000 |
| 03166 | Coffee (Ground) | caffeine | 2 x 30 g | 2021/5/12 | ¥54,000 | ¥15,000 |
| 03167 | Soft Drink | brix, pH, citric acid, sorbic acid, cyclamate, saccharin & benzoic acid | 150 ml | 2021/7/16 | ¥54,000 | ¥15,000 |
| 03168 | Soft Drink | colours, a selection from the following list: Allura Red, Brilliant Blue FCF, Carmoisine, Erythrosine, Green S, Indigo Carmine, Patent Blue V, Ponceau 4R, Quinoline Yellow, Sunset Yellow FCF, Tartrazine | 150 ml | 2021/8/4 | ¥54,000 | ¥15,000 |
| 03169 | Cola Drink | caffeine, benzoic acid, total sugars & phosphoric acid (as P_2O_5) | 150 ml | 2021/10/14 | ¥54,000 | ¥15,000 |
| 03170 | Tonic Water | benzoic acid, quinine, acesulfame-K & aspartame | 150 ml | 2021/11/3 | ¥54,000 | ¥15,000 |
| 03171 | Cola Drink | benzoic acid, caffeine, acesulfame-K & saccharin | 150 ml | 2022/1/21 | ¥54,000 | ¥15,000 |
| 03172 | Soft Drink | sweeteners: acesulfame-K, aspartame, cyclamate & saccharin | 150 ml | 2022/3/17 | ¥54,000 | ¥15,000 |
| 15151 | Milk Powder | nitrate as $NaNO_3$ & nitrite as $NaNO_2$ | 40 g | 2021/2/26 | ¥52,000 | ¥14,000 |
| 15152 | Meat | nitrate as $NaNO_3$ & nitrite as $NaNO_2$ | 25 g Fedex | 2021/5/13 | 要大臣許可： お問い合わせください | |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-------------------------------------|---|----------------|------------|----------------------|---------|
| 15153 | Cabbage Purée | nitrate | 70 g Fedex | 2021/6/8 | ¥87,000 | ¥15,000 |
| 15154 | Lettuce Purée | nitrate | 70 g Fedex | 2021/8/9 | ¥87,000 | ¥15,000 |
| 15155 | Meat | nitrate as NaNO ₃ & nitrite as NaNO ₂ | 25 g Fedex | 2021/9/10 | 要大臣許可： お問い合わせください | |
| 15156 | Rocket (Rucola) Purée | nitrate | 70 g Fedex | 2021/10/26 | ¥87,000 | ¥15,000 |
| 15157 | Spinach Purée | nitrate | 70 g Fedex | 2021/11/23 | ¥87,000 | ¥15,000 |
| 15158 | Meat | nitrate as NaNO ₃ & nitrite as NaNO ₂ | 25 g Fedex | 2022/1/12 | 要大臣許可： お問い合わせください | |
| 15159 | Milk Powder | nitrate as NaNO ₃ & nitrite as NaNO ₂ | 40 g | 2022/2/24 | ¥54,000 | ¥15,000 |
| 20179 | Tomato Sauce | brix, pH, total acidity, sodium, chloride & benzoic acid | 150 g | 2021/1/6 | ¥52,000 | ¥14,000 |
| 20181 | Prawns | sulphur dioxide | 100 g Fedex | 2021/4/12 | ¥71,000 | ¥16,000 |
| 20182 | Jam | brix, pH, benzoic acid, citric acid & sorbic acid | 70 g | 2021/4/29 | ¥54,000 | ¥15,000 |
| 20183 | Chocolate Cake Mix | caffeine, sorbic acid, theobromine & total sugars (expressed as sucrose) | 50 g | 2021/6/23 | ¥70,000 | ¥15,000 |
| 20184 | Dried Apricot (Water/Fruit Slurry) | sulphur dioxide | 100 g Fedex | 2021/7/12 | ¥87,000 | ¥16,000 |
| 20185 | Sugar Confectionery (Boiled Sweets) | colours, a selection from the following list: Allura Red, Brilliant Blue FCF, Carmoisine, Erythrosine, Green S, Indigo Carmine, Patent Blue V, Ponceau 4R, Quinoline Yellow, Sunset Yellow FCF, Tartrazine | 50 g | 2021/7/15 | ¥54,000 | ¥15,000 |
| 20186 | Oil | antioxidants: total BHA (E320), total BHT (E321) & propyl gallate (E310) | 50 ml | 2021/9/24 | ¥54,000 | ¥15,000 |
| 20187 | Meat | sulphur dioxide | 100 g Fedex | 2021/10/4 | 要大臣許可： お問い合わせください | |
| 20188 | Hot Pepper Sauce | non-permitted colours (illegal dyes) high level, a selection from the following list: Butter Yellow, Orange II, Para Red, Rhodamine B, Sudan (I, II, III, IV), Sudan Black B, Sudan Orange G, Sudan Red B, Sudan Red 7B, Sudan Red G, Toluidine Red | 50 ml | 2021/11/11 | ¥54,000 | ¥15,000 |
| 20191 | Tomato Sauce | brix, pH, total acidity, sodium, chloride & benzoic acid | 150 g | 2022/1/5 | ¥54,000 | ¥19,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|--------------------|--|----------------|-----------|---------|----------------------|
| 20192 | Meat | sulphur dioxide | 100 g Fedex | 2022/3/1 | | 要大臣許可： お問い合わせください |
| 20193 | Sweets (gum-based) | colours, a selection from the following list: Allura Red, Brilliant Blue FCF, Carmoisine, Erythrosine, Green S, Indigo Carmine, Patent Blue V, Ponceau 4R, Quinoline Yellow, Sunset Yellow FCF, Tartrazine | 50 g | 2022/3/30 | ¥54,000 | ¥15,000 |

MYCOTOXINS <マイコトキシン>

Aflatoxins <アフラトキシン>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|--|-----------------------------|----------------|------------|---------|---------|
| 04403 | Maize | aflatoxins B & G &/or total | 55 g | 2021/1/7 | ¥67,000 | ¥13,000 |
| 04404 | Pistachio (Water/Nut Slurry) | aflatoxins B & G &/or total | 100 g Fedex | 2021/1/18 | ¥83,000 | ¥13,000 |
| 04406 | Milk Powder | aflatoxin M ₁ | 55 g | 2021/2/17 | ¥51,000 | ¥13,000 |
| 04408 | Peanut (Water/Nut Slurry) | aflatoxins B & G &/or total | 100 g Fedex | 2021/3/15 | ¥83,000 | ¥13,000 |
| 04410 | Animal Feed (Cereal Based) | aflatoxins B & G &/or total | 55 g | 2021/4/1 | ¥70,000 | ¥14,000 |
| 04413 | Almond (Water/Nut Slurry) | aflatoxins B & G &/or total | 100 g Fedex | 2021/5/11 | ¥87,000 | ¥14,000 |
| 04414 | Maize | aflatoxins B & G &/or total | 55 g | 2021/5/19 | ¥70,000 | ¥14,000 |
| 04415 | Milk Powder | aflatoxin M ₁ | 55 g | 2021/6/3 | ¥54,000 | ¥14,000 |
| 04422 | Peanut (Water/Nut Slurry) | aflatoxins B & G &/or total | 100 g Fedex | 2021/9/21 | ¥87,000 | ¥14,000 |
| 04423 | Milk Powder | aflatoxin M ₁ | 55 g | 2021/9/29 | ¥54,000 | ¥14,000 |
| 04425 | Animal Feed (Cereal Based) | aflatoxins B & G &/or total | 55 g | 2021/10/14 | ¥70,000 | ¥14,000 |
| 04428 | Rice | aflatoxins B & G &/or total | 55 g | 2021/11/18 | ¥70,000 | ¥14,000 |
| 04429 | Peanut Butter (Water/Nut Butter Slurry) | aflatoxins B & G &/or total | 100 g Fedex | 2021/11/23 | ¥71,000 | ¥14,000 |
| 04431 | Maize | aflatoxins B & G &/or total | 55 g | 2022/1/6 | ¥70,000 | ¥14,000 |
| 04432 | Pistachio (Water/Nut Slurry) | aflatoxins B & G &/or total | 100 g Fedex | 2022/1/25 | ¥87,000 | ¥14,000 |
| 04434 | Milk Powder | aflatoxin M ₁ | 55 g | 2022/2/16 | ¥54,000 | ¥14,000 |
| 04436 | Peanut (Water/Nut Slurry) | aflatoxins B & G &/or total | 100 g Fedex | 2022/3/14 | ¥87,000 | ¥14,000 |

Ergot Alkaloids <麦角アルカロイド>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-----------|---|------|-----------|----------|---------|
| 22180 | Rye Flour | ergot alkaloids: contamination of matrix with two or more from ergometrine, ergotamine, ergosine, ergocristine, ergocryptine & ergocornine & their related-inines | 55 g | 2021/3/10 | ¥124,000 | ¥33,000 |
| 22184 | Baby Food | ergot alkaloids: contamination of matrix with two or more from ergometrine, ergotamine, ergosine, ergocristine, ergocryptine & ergocornine & their related-inines | 30 g | 2021/8/18 | ¥114,000 | ¥35,000 |
| 22190 | Rye Flour | ergot alkaloids: contamination of matrix with two or more from ergometrine, ergotamine, ergosine, ergocristine, ergocryptine & ergocornine & their related-inines | 55 g | 2022/3/9 | ¥130,000 | ¥35,000 |

Fusarium Toxins <フザリウム毒素>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|----------------------------|---|-------|-----------|----------|---------|
| 22178 | Breakfast Cereal | deoxynivalenol (DON) & zearalenone (ZON) | 55 g | 2021/1/8 | ¥67,000 | ¥19,000 |
| 22179 | Cereal | tropane alkaloids: atropine & scopolamine | 30 g | 2021/2/10 | ¥67,000 | ¥19,000 |
| 22181 | Dried Pasta | deoxynivalenol (DON), zearalenone (ZON), T-2 & HT-2 toxins & as a sum of T-2 & HT-2 toxins | 75 g | 2021/5/19 | ¥70,000 | ¥20,000 |
| 22182 | Maize Flour | FB ₁ & FB ₂ and total fumonisins (as a sum of FB ₁ & FB ₂) | 55 g | 2021/6/18 | ¥69,000 | ¥14,000 |
| 22183 | Maize Flour | trichothecenes: nivalenol, DON, 3 Ac DON, 15 Ac DON, T-2 & HT-2 toxins & as a sum of T-2 & HT-2 toxins | 100 g | 2021/7/21 | ¥144,000 | ¥36,000 |
| 22185 | Animal Feed (Cereal Based) | deoxynivalenol (DON), zearalenone (ZON), T-2 & HT-2 toxins & as a sum of T-2 & HT-2 toxins | 75 g | 2021/9/23 | ¥98,000 | ¥20,000 |
| 22186 | Baby Food (Multigrain) | tropane alkaloids: atropine & scopolamine | 30 g | 2021/10/7 | ¥70,000 | ¥20,000 |
| 22188 | Breakfast Cereal | deoxynivalenol (DON) & zearalenone (ZON) | 55 g | 2022/1/7 | ¥70,000 | ¥20,000 |
| 22189 | Cereal | tropane alkaloids: atropine & scopolamine | 30 g | 2022/2/23 | ¥86,000 | ¥20,000 |

Multi-Mycotoxins <複合-マイコトキシン>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|---------------------------------|---|----------------|------------|----------|---------|
| 04405 | Maize | aflatoxin B ₁ &/or total, DON, ZON & OTA | 100 g | 2021/2/4 | ¥104,000 | ¥27,000 |
| 04407 | Spice (Black Pepper) | aflatoxins B & G &/or total & OTA | 75 g | 2021/3/4 | ¥84,000 | ¥19,000 |
| 04409 | Oat Flour | aflatoxin B & G &/or total, OTA, T-2 & HT-2 toxins, sum of T-2 & HT-2 toxins & sterigmatocystin | 55 g | 2021/3/25 | ¥104,000 | ¥27,000 |
| 04411 | Maize | aflatoxin B ₁ , DON, ZON, OTA, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂), T-2 & HT-2 toxins & as sum of T-2 & HT-2 toxins | 100 g | 2021/4/7 | ¥147,000 | ¥37,000 |
| 04412 | Infant Food | contamination of matrix with two or more from the following list: aflatoxins B & G &/or total, OTA, ZON, DON, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂) & T-2 & HT-2 toxins & as sum of T-2 & HT-2 toxins | 150 g | 2021/4/22 | ¥93,000 | ¥28,000 |
| 04416 | Paprika | aflatoxins B & G &/or total & OTA | 75 g | 2021/6/17 | ¥88,000 | ¥20,000 |
| 04417 | Hazelnut (Water/Nut Slurry) | aflatoxins B & G &/or total & OTA | 100 g Fedex | 2021/6/29 | ¥87,000 | ¥14,000 |
| 04418 | Maize | aflatoxin B ₁ , DON, ZON, OTA, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂), T ₋₂ & HT ₋₂ toxins & as sum of T ₋₂ & HT ₋₂ toxins | 100 g | 2021/7/22 | ¥147,000 | ¥37,000 |
| 04419 | Dried Figs (Water/Fruit Slurry) | aflatoxins B & G &/or total & OTA | 150 g Fedex | 2021/8/3 | ¥104,000 | ¥20,000 |
| 04420 | Sesame Paste (Tahini) | aflatoxins B & G &/or total & OTA | 100 g Fedex | 2021/8/17 | ¥88,000 | ¥20,000 |
| 04421 | Chilli Powder | aflatoxins B & G &/or total & OTA | 75 g | 2021/9/9 | ¥88,000 | ¥20,000 |
| 04424 | Infant Food | aflatoxins B & G &/or total & OTA | 55 g | 2021/10/7 | ¥72,000 | ¥20,000 |
| 04426 | Maize | aflatoxin B ₁ , DON, ZON & OTA | 150 g | 2021/10/27 | ¥109,000 | ¥28,000 |
| 04427 | Ginger | aflatoxins B & G &/or total & OTA | 75 g | 2021/11/4 | ¥88,000 | ¥14,000 |
| 04430 | Animal Feed (Cereal Based) | contamination of matrix with two or more from the following list: aflatoxin B ₁ , OTA, ZON, DON, FB ₁ & FB ₂ & total fumonisins (as a sum of FB ₁ & FB ₂) | 150 g | 2021/12/3 | ¥109,000 | ¥28,000 |
| 04433 | Maize | aflatoxin B ₁ &/or total, DON, ZON & OTA | 100 g | 2022/2/3 | ¥109,000 | ¥28,000 |
| 04435 | Spice - Black Pepper | aflatoxins B & G &/or total & OTA | 75 g | 2022/3/3 | ¥88,000 | ¥20,000 |
| 04437 | Oat Flour | aflatoxin B & G &/or total, OTA, T-2 & HT-2 toxins, sum of T-2 & HT-2 toxins & sterigmatocystin | 55 g | 2022/3/23 | ¥109,000 | ¥28,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-------------|---|-------|------------|----------|---------|
| 17210 | Flour | OTA & citrinin | 100 g | 2021/2/25 | ¥67,000 | ¥13,000 |
| 17221 | Flour | OTA & citrinin | 75 g | 2022/3/2 | ¥70,000 | ¥14,000 |
| 22187 | Wheat Flour | deoxynivalenol (DON), zearalenone (ZON), T-2 & HT-2 toxins, sum of T-2 & HT-2 toxins & aflatoxin B & G &/or total | 75 g | 2021/11/10 | ¥109,000 | ¥20,000 |

Ochratoxin A (OTA) <オクラトキシンA>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|--|----------|----------------|------------|---------|---------|
| 17209 | Wheat Flour | OTA | 55 g | 2021/1/27 | ¥67,000 | ¥13,000 |
| 17212 | Dried Vine Fruit (Water/ Fruit Slurry) | OTA | 100 g Fedex | 2021/4/6 | ¥87,000 | ¥14,000 |
| 17213 | Barley Flour | OTA | 55 g | 2021/5/20 | ¥70,000 | ¥14,000 |
| 17214 | Coffee (Green) | OTA | 55 g | 2021/7/1 | ¥70,000 | ¥14,000 |
| 17215 | Wine | OTA | 55 ml | 2021/8/12 | ¥54,000 | ¥14,000 |
| 17216 | Maize Flour | OTA | 55 g | 2021/9/2 | ¥70,000 | ¥14,000 |
| 17217 | Instant Coffee | OTA | 55 g | 2021/10/15 | ¥54,000 | ¥14,000 |
| 17218 | Animal Feed (Cereal Based) | OTA | 55 g | 2021/11/5 | ¥70,000 | ¥14,000 |
| 17219 | Roasted Coffee | OTA | 55 g | 2021/11/24 | ¥54,000 | ¥14,000 |
| 17220 | Wheat Flour | OTA | 55 g | 2022/1/26 | ¥70,000 | ¥14,000 |
| 17222 | Grape Juice | OTA | 55 ml Fedex | 2022/3/22 | ¥71,000 | ¥14,000 |

Patulin <パツリン>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|------|-------------------------|----------|----------------|------------|---------|---------|
| 1675 | Apple Juice (Clear) | patulin | 50 ml Fedex | 2021/1/26 | ¥68,000 | ¥13,000 |
| 1677 | Apple Juice (Cloudy) | patulin | 50 ml Fedex | 2021/10/26 | ¥71,000 | ¥14,000 |
| 1678 | Apple Juice (Clear) | patulin | 50 ml Fedex | 2022/1/11 | ¥71,000 | ¥14,000 |

NUTRITIONAL & PROXIMATES <栄養素>

Nutritional Components <栄養組成>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|---------------------|--|-------|-----------|---------|---------|
| 01141 | Canned Meat | moisture, ash, total fat, nitrogen, sodium & chloride | 150 g | 2021/1/14 | ¥50,000 | ¥16,000 |
| 01142 | Canned Meat Meal | moisture, ash, total fat, nitrogen, sodium & chloride | 150 g | 2021/3/18 | ¥50,000 | ¥16,000 |
| 01145 | Canned Meat | moisture, ash, total fat, nitrogen & hydroxyproline | 150 g | 2021/5/14 | ¥55,000 | ¥19,000 |
| 01146 | Canned Meat | moisture, ash, total fat, nitrogen, sodium & chloride | 150 g | 2021/7/9 | ¥55,000 | ¥19,000 |
| 01147 | Canned Meat Meal | total fat, saturated fatty acids, protein, total sugars & salt | 150 g | 2021/8/27 | ¥55,000 | ¥19,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|--------------------|--|--------|------------|----------|---------|
| 01148 | Canned Meat | moisture, ash, total fat, nitrogen & hydroxyproline | 150 g | 2021/9/30 | ¥55,000 | ¥19,000 |
| 01149 | Canned Meat Meal | moisture, ash, total fat, nitrogen, sodium, chloride & total sugars | 150 g | 2021/11/19 | ¥55,000 | ¥19,000 |
| 01150 | Canned Meat | moisture, ash, total fat, nitrogen, sodium & chloride | 150 g | 2022/1/13 | ¥55,000 | ¥19,000 |
| 01151 | Canned Meat Meal | moisture, ash, total fat, nitrogen, sodium & chloride | 150 g | 2022/3/17 | ¥55,000 | ¥19,000 |
| 0879 | Apple Juice | brix, pH, total acidity, sugars, calcium, magnesium, phosphorus, sodium | 250 ml | 2021/1/28 | ¥52,000 | ¥14,000 |
| 0880 | Pineapple Juice | ash, brix, pH, total acidity, fructose, sucrose, glucose, total sugars, calcium, magnesium, potassium & sodium | 250 ml | 2021/5/12 | ¥54,000 | ¥16,000 |
| 0881 | Orange Juice | brix, pH, citric acid, fructose, sucrose, glucose, total sugars, calcium, magnesium, phosphorus, & potassium | 250 ml | 2021/8/18 | ¥58,000 | ¥16,000 |
| 0882 | Banana Smoothie | brix, pH, total acidity, fructose, sucrose, glucose, total sugars, calcium, magnesium, potassium & sodium | 250 ml | 2021/10/27 | ¥54,000 | ¥16,000 |
| 0883 | Apple Juice | brix, pH, total acidity, fructose, sucrose, glucose, total sugars, calcium, magnesium, phosphorus, sodium | 250 ml | 2022/1/27 | ¥54,000 | ¥16,000 |
| 10175 | Dairy Ration | moisture, ash, total oil, protein, crude fibre, iron, magnesium, manganese & selenium | 225 g | 2021/3/19 | ¥111,000 | ¥26,000 |
| 10176 | Pig Ration | moisture, ash, total oil, protein, crude fibre, aNDF, vitamin E & zinc | 150 g | 2021/6/2 | ¥76,000 | ¥15,000 |
| 10177 | Soybean meal | moisture, ash, protein & crude fibre | 150 g | 2021/9/24 | ¥71,000 | ¥14,000 |
| 10179 | Poultry Ration | moisture, ash, total oil, protein, crude fibre, starch, total sugars, calcium & phosphorus | 225 g | 2021/12/3 | ¥116,000 | ¥28,000 |
| 10181 | Dairy Ration | moisture, ash, total oil, protein, crude fibre, iron, magnesium, manganese & selenium | 225 g | 2022/3/18 | ¥116,000 | ¥28,000 |
| 20190 | Sweets (Gum-based) | fructose, glucose & sucrose | 50 g | 2021/12/10 | ¥54,000 | ¥15,000 |
| 2491 | Wheat Flour | moisture at 130°C, ash, nitrogen & total dietary fibre by AOAC | 150 g | 2021/2/12 | ¥66,000 | ¥13,000 |
| 2492 | Porridge Oats | moisture at 130°C, ash at 550°C, total fat, nitrogen & total dietary fibre by AOAC | 150 g | 2021/4/23 | ¥69,000 | ¥14,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|------------------------------------|--|----------------|------------|----------|---------|
| 2493 | Cereal | moisture at 130°C, ash at 550°C, nitrogen & total dietary fibre by AOAC | 150 g | 2021/7/2 | ¥69,000 | ¥14,000 |
| 2494 | Breadcrumbs | moisture, ash at 550°C, nitrogen, starch, sodium & total dietary fibre by AOAC | 150 g | 2021/9/9 | ¥53,000 | ¥14,000 |
| 2495 | Baby Food (Cereal Based) | moisture, ash, total fat, nitrogen, dietary fibre, starch, sodium & chloride | 150 g | 2021/10/28 | ¥53,000 | ¥14,000 |
| 2496 | Biscuit (Cookie) | moisture, ash at 550°C, total fat, nitrogen & total dietary fibre by AOAC | 150 g | 2021/11/12 | ¥53,000 | ¥14,000 |
| 2497 | Wheat Flour | moisture at 130°C, ash, nitrogen & total dietary fibre by AOAC | 150 g | 2022/2/11 | ¥69,000 | ¥14,000 |
| 25192 | Cheese & Pasta Meal | moisture, ash, total fat, nitrogen, sodium & chloride | 100 g | 2021/1/14 | ¥50,000 | ¥13,000 |
| 25193 | Butter | moisture, total fat, non-fat solids, pH & chloride | 200 g Fedex | 2021/2/23 | ¥67,000 | ¥13,000 |
| 25195 | Corn/Maize based Snack Food | moisture, ash, total fat, nitrogen, sodium & chloride | 50 g | 2021/3/24 | ¥50,000 | ¥13,000 |
| 25198 | Fish Paste | moisture, ash, total fat, nitrogen, sodium & chloride | 150 g | 2021/4/9 | ¥55,000 | ¥19,000 |
| 25199 | Condensed Milk | moisture, ash, total fat, nitrogen & total sugars | 150 ml | 2021/5/13 | ¥58,000 | ¥19,000 |
| 25200 | Milkshake Powder | fructose, galactose, glucose, lactose, maltose & sucrose | 50 g | 2021/6/11 | ¥53,000 | ¥14,000 |
| 25201 | Cheese | moisture, ash, total fat, nitrogen, sodium, chloride & starch | 150 g Fedex | 2021/6/29 | ¥70,000 | ¥14,000 |
| 25202 | Chocolate | moisture, total fat, nitrogen, butyric acid, lactose & sucrose | 150 g Fedex | 2021/7/12 | ¥70,000 | ¥14,000 |
| 25203 | Infant Formula | moisture, ash, total fat, nitrogen, pH, titratable acidity, lactose, sodium & chloride | 50 g | 2021/8/19 | ¥53,000 | ¥14,000 |
| 25205 | Milk Powder | moisture, ash, total fat, nitrogen, titratable acidity, lactose & pH | 50 g | 2021/10/29 | ¥53,000 | ¥14,000 |
| 25206 | Corn/Maize based Snack Food | pH, titratable acidity, total sugars, monosodium glutamate, magnesium, | 50 g | 2021/11/5 | ¥55,000 | ¥19,000 |
| 25207 | Cheese & Pasta Meal | moisture, ash, total fat, nitrogen, sodium & chloride | 100 g | 2022/1/13 | ¥70,000 | ¥14,000 |
| 25208 | Yoghurt | ash, total fat, nitrogen, pH, titratable acidity, & total sugars | 150 g Fedex | 2022/2/8 | ¥70,000 | ¥14,000 |
| 25209 | Butter | moisture, total fat, non-fat solids, pH & chloride | 200 g Fedex | 2022/2/22 | ¥70,000 | ¥14,000 |
| 25211 | Corn/Maize based Snack Food | moisture, ash, total fat, nitrogen, sodium & chloride | 50 g | 2022/3/16 | ¥53,000 | ¥14,000 |
| 3203 | Processed Food (Ready to Eat Meal) | nutritional components, elements, allergens & contaminants | 300 g Fedex | 2021/11/2 | ¥135,000 | ¥33,000 |

Nutritional Elements <栄養素>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|------------------|---|-------|------------|---------|---------|
| 10174 | Premix | calcium, magnesium, manganese, phosphorus, sodium & zinc | 150 g | 2021/1/28 | ¥68,000 | ¥13,000 |
| 10180 | Premix | calcium, magnesium, manganese, phosphorus, sodium & zinc | 150 g | 2022/1/27 | ¥71,000 | ¥14,000 |
| 18101 | Infant Formula | calcium, copper, iodine, iron, magnesium, manganese, phosphorus, potassium, selenium, sodium & zinc | 50 g | 2021/3/11 | ¥53,000 | ¥13,000 |
| 18103 | Breakfast Cereal | calcium, iron, magnesium, phosphorus, potassium, sodium & zinc | 50 g | 2021/7/7 | ¥55,000 | ¥14,000 |
| 18104 | Coconut Powder | calcium, copper, iron, manganese, magnesium, molybdenum, phosphorus, potassium, selenium, sodium & zinc | 50 g | 2021/9/3 | ¥71,000 | ¥14,000 |
| 18105 | Milk Powder | calcium, copper, iodine, iron, manganese, magnesium, molybdenum, phosphorus, potassium, selenium, sodium & zinc | 50 g | 2021/11/17 | ¥55,000 | ¥14,000 |
| 18106 | Infant Formula | calcium, copper, iodine, iron, magnesium, manganese, phosphorus, potassium, selenium, sodium & zinc | 50 g | 2022/3/10 | ¥55,000 | ¥14,000 |

Vitamins <ビタミン>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|---------------------------|--|----------------|-----------|---------|---------|
| 21123 | Breakfast Cereal | vitamins B ₁ , B ₂ (total), B ₆ , B ₁₂ , total niacin & folic acid | 100 g | 2021/2/3 | ¥55,000 | ¥13,000 |
| 21124 | Powdered Baby Food | vitamins A, B ₁ , B ₂ , B ₆ , B ₁₂ , C, E, folic acid & total niacin | 140 g | 2021/4/8 | ¥66,000 | ¥20,000 |
| 21125 | Infant Formula | vitamins A, B ₁₂ , C, D ₃ , E & K ₁ | 100 g | 2021/5/27 | ¥60,000 | ¥18,000 |
| 21126 | Fruit Purée | vitamin C | 100 g Fedex | 2021/6/21 | ¥88,000 | ¥15,000 |
| 21127 | Liquid Vitamin Supplement | vitamins B ₁ , B ₂ (total), B ₆ & D ₃ | 40 ml Fedex | 2021/9/1 | ¥77,000 | ¥18,000 |
| 21128 | Breakfast Cereal | vitamins B ₁ , B ₂ (total), B ₆ , B ₁₂ , total niacin & folic acid | 100 g | 2022/2/10 | ¥60,000 | ¥18,000 |

PESTICIDES <農薬>

28-29ページに農薬リストが掲載されていますのでご確認ください。
 ブランクサンプルは対応する技能試験と一緒に注文してください。

Combined Multi-residue and Single-residue Methods

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|--------------------------|--|---------------|------------|---------|---------|
| 09136 | Basmati Rice | pesticide residues [multi-residue methods] including bromide [single-residue methods] | 50 g | 2021/1/27 | ¥67,000 | ¥14,000 |
| 09136b | Blank Basmati Rice | BLANK | 50 g | 2021/1/27 | ¥15,000 | |
| 09141 | Soya Beans (Dried) | pesticide residues [multi-residue methods] including glyphosate & AMPA [single-residue methods] | 90 g | 2021/9/10 | ¥71,000 | ¥16,000 |
| 09141b | Blank Soya Beans (Dried) | BLANK | 90 g | 2021/9/10 | ¥16,000 | |
| 09144 | Basmati Rice | pesticide residues [multi-residue methods] including bromide [single-residue methods] | 50 g | 26/01/2022 | ¥71,000 | ¥16,000 |
| 09144b | Blank Basmati Rice | BLANK | 50 g | 26/01/2022 | ¥16,000 | |
| 19313 | Cucumber Purée | pesticide residues [multi-residue methods] including chlormequat/mepiquat [single-residue methods] | 90 g Fedex | 07/06/2021 | ¥88,000 | ¥16,000 |
| 19313b | Blank Cucumber Purée | BLANK | 90 g | 07/06/2021 | ¥16,000 | |
| 19327 | Green Tea | pesticide residues (tea matrix) [multi-residue] including perchlorate (single residue method) | 50 g | 02/12/2021 | ¥71,000 | ¥16,000 |
| 19327b | Blank Green Tea | BLANK | 50 g | 02/12/2021 | ¥16,000 | |
| 19332 | Tea (Herbal) | pesticide residues (tea matrix) [multi-residue methods] including perchlorate [single-residue methods] | 50 g | 03/03/2022 | ¥71,000 | ¥16,000 |
| 19332b | Blank Tea (Herbal) | BLANK | 50 g | 03/03/2022 | ¥16,000 | |

Multi Residue Methods

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|----------------------|--|------|-----------|---------|---------|
| 05149 | Infant Formula | pesticide residues (fat soluble, inc. EU 'red list' - low level and perchlorate) | 50 g | 2021/1/13 | ¥55,000 | ¥14,000 |
| 05149b | Blank Infant Formula | BLANK | 50 g | 2021/1/13 | ¥15,000 | |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------|---|---------------|------------|---------------------|---------|
| 05151 | Oily Fish | pesticide residues (fat soluble) | 50 g Fedex | 2021/5/25 | ¥74,000 | ¥16,000 |
| 05151b | Blank Oily Fish | BLANK | 50 g | 2021/5/25 | ¥16,000 | |
| 05152 | Infant Formula | pesticide residues (specified residues) [fat soluble] | 50 g | 2021/6/9 | ¥58,000 | ¥16,000 |
| 05152b | Blank Infant Formula | BLANK | 50 g | 2021/6/9 | ¥16,000 | |
| 05153 | Milk Powder | pesticide residues (fat soluble) | 50 g | 2021/7/29 | ¥58,000 | ¥16,000 |
| 05153b | Blank Milk Powder | BLANK | 50 g | 2021/7/29 | ¥16,000 | |
| 05154 | Animal Fat (Pork) | pesticide residues (fat soluble) | 50 g Fedex | 2021/9/7 | 要大臣許可 お問い合わせください | |
| 05154b | Blank Animal Fat (Pork) | BLANK | 50 g | 2021/9/7 | | |
| 05155 | Olive Oil (Virgin) | pesticide residues (multi-residue) | 50 g | 2021/10/13 | ¥58,000 | ¥16,000 |
| 05155b | Blank Olive Oil (Virgin) | BLANK | 50 g | 2021/10/13 | ¥16,000 | |
| 05156 | Prawns | biocides (quaternary ammonium compounds) | 50 g Fedex | 2021/11/23 | ¥74,000 | ¥16,000 |
| 05156b | Blank Prawns | BLANK | 50 g | 2021/11/23 | ¥16,000 | |
| 05157 | Infant Formula | pesticide residues (fat soluble, inc. EU 'red list' - low level, and perchlorate) | 50 g | 2022/1/12 | ¥58,000 | ¥16,000 |
| 05157b | Blank Infant Formula | BLANK | 50 g | 2022/1/12 | ¥16,000 | |
| 05159 | Chicken (Hens) Eggs | pesticide residues (fat soluble & recommended monitoring) | 50 g Fedex | 2022/3/1 | 要大臣許可 お問い合わせください | |
| 05159b | Blank Chicken (Hens) Eggs | BLANK | 50 g | 2022/3/1 | | |
| 09137 | Wheat Flour | pesticide residues (multi-residue) | 50 g | 2021/2/11 | ¥67,000 | ¥14,000 |
| 09137b | Blank Wheat Flour | BLANK | 50 g | 2021/2/11 | ¥15,000 | |
| 19309 | Lime Purée | pesticide residues (multi-residue) | 90 g Fedex | 2021/4/13 | ¥88,000 | ¥16,000 |
| 19309b | Blank Lime Purée | BLANK | 90 g | 2021/4/13 | ¥16,000 | |
| 09139 | Brown Rice (Powdered) | pesticide residues (multi-residue) | 50 g | 2021/6/10 | ¥71,000 | ¥16,000 |
| 09139b | Blank Brown Rice | BLANK | 50 g | 2021/6/10 | ¥16,000 | |
| 09140 | Wheat Flour | pesticide residues (multi-residue) | 50 g | 2021/8/11 | ¥71,000 | ¥16,000 |
| 09140b | Blank Wheat Flour | BLANK | 50 g | 2021/8/11 | ¥16,000 | |
| 09142 | Animal Feed | pesticide residues (multi-residue) | 50 g | 2021/10/6 | ¥71,000 | ¥16,000 |
| 09142b | Blank Animal Feed | BLANK | 50 g | 2021/10/6 | ¥16,000 | |
| 09145 | Wheat Flour | pesticide residues (multi-residue) | 50 g | 2022/2/10 | ¥71,000 | ¥16,000 |
| 09145b | Blank Wheat Flour | BLANK | 50 g | 2022/2/10 | ¥16,000 | |
| 19304 | Honey | pesticide residues (honey matrix) [multi-residue] | 90 g | 2021/1/11 | ¥68,000 | ¥14,000 |
| 19304b | Blank Honey | BLANK | 90 g | 2021/1/11 | ¥15,000 | |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|----------------------------|---|---------------|------------|---------|---------|
| 19305 | Spice (Turmeric) | pesticide residues (multi-residue) | 50 g Fedex | 2021/1/11 | ¥86,000 | ¥14,000 |
| 19305b | Blank Spice (Turmeric) | BLANK | 50 g | 2021/1/11 | ¥16,000 | |
| 19306 | Melon Purée | pesticide residues (specified residues) [multi-residue] | 90 g Fedex | 2021/2/16 | ¥84,000 | ¥14,000 |
| 19306b | Blank Melon Purée | BLANK | 90 g | 2021/2/16 | ¥15,000 | |
| 19310 | Yard Long Bean Purée | pesticide residues (multi-residue) | 90 g Fedex | 2021/4/13 | ¥88,000 | ¥16,000 |
| 19310b | Blank Yard Long Bean Purée | BLANK | 90 g | 2021/4/13 | ¥16,000 | |
| 19314 | Lettuce Purée | pesticide residues (multi-residue) | 90 g Fedex | 2021/6/7 | ¥88,000 | ¥16,000 |
| 19314b | Blank Lettuce Purée | BLANK | 90 g | 2021/6/7 | ¥16,000 | |
| 19315 | Celery Purée | pesticide residues (multi-residue) | 90 g Fedex | 2021/7/20 | ¥88,000 | ¥16,000 |
| 19315b | Blank Celery Purée | BLANK | 90 g | 2021/7/20 | ¥16,000 | |
| 19316 | Broccoli Purée | pesticide residues (multi-residue) | 90 g Fedex | 2021/7/20 | ¥88,000 | ¥16,000 |
| 19316b | Blank Broccoli Purée | BLANK | 90 g | 2021/7/20 | ¥16,000 | |
| 19317 | Strawberry Purée | pesticide residues (multi-residue) | 90 g Fedex | 2021/8/24 | ¥88,000 | ¥16,000 |
| 19317b | Blank Strawberry Purée | BLANK | 90 g | 2021/8/24 | ¥16,000 | |
| 19321 | Mango Purée | pesticide residues (multi-residue) | 90 g Fedex | 2021/9/21 | ¥88,000 | ¥16,000 |
| 19321b | Blank Mango Purée | BLANK | 90 g | 2021/9/21 | ¥16,000 | |
| 19323 | Grape (Table) Purée | pesticide residues (multi-residue) | 90 g Fedex | 2021/10/19 | ¥88,000 | ¥16,000 |
| 19323b | Blank Grape (Table) Purée | BLANK | 90 g | 2021/10/19 | ¥16,000 | |
| 19326 | Honey | pesticide residues (honey matrix) [multi-residue] | 90 g Fedex | 2021/11/8 | ¥72,000 | ¥16,000 |
| 19326b | Blank Honey | BLANK | 90 g | 2021/11/8 | ¥16,000 | |
| 19328 | Spice (Black Pepper) | pesticide residues (multi-residue) | 50 g Fedex | 2022/1/17 | ¥88,000 | ¥16,000 |
| 19328b | Blank Spice (Black Pepper) | BLANK | 50 g | 2022/1/17 | ¥16,000 | |
| 19329 | Pumpkin Purée | pesticide residues (specified residues) [multi-residue] | 90 g Fedex | 2022/1/17 | ¥88,000 | ¥16,000 |
| 19329b | Blank Pumpkin Purée | BLANK | 90 g | 2022/1/17 | ¥16,000 | |

Single Residue Methods

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------|--|---------------|------------|----------|---------|
| 09138 | Oats | chlormequat, mepiquat, glyphosate & AMPA | 100 g | 2021/4/28 | ¥71,000 | ¥16,000 |
| 09138b | Blank Oat Flour | BLANK | 100 g | 2021/4/28 | ¥16,000 | |
| 09143 | Wheat Flour | chlormequat, mepiquat, glyphosate & AMPA | 100 g | 2021/11/18 | ¥71,000 | ¥16,000 |
| 09143b | Blank Wheat Flour | BLANK | 100 g | 2021/11/18 | ¥16,000 | |
| 19320 | Lettuce Purée | dithiocarbamates | 90 g Fedex | 2021/9/13 | ¥105,000 | ¥21,000 |
| 19320b | Blank Lettuce Purée | BLANK | 90 g | 2021/9/13 | ¥21,000 | |
| 19333 | Grape Purée | dithiocarbamates | 90 g Fedex | 2022/3/21 | ¥105,000 | ¥21,000 |
| 19333b | Blank Grape Purée | BLANK | 90 g | 2022/3/21 | ¥21,000 | |

QUALITY <品質>

Honey <ハチミツ>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|------|--------|--|----------------|-----------|---------|---------|
| 2848 | Honey | moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF), diastase & free acid | 100 g Fedex | 2021/3/9 | ¥68,000 | ¥13,000 |
| 2849 | Honey | moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF) & diastase | 100 g Fedex | 2021/6/22 | ¥71,000 | ¥14,000 |
| 2850 | Honey | fructose, glucose, sucrose, hydroxymethylfurfural (HMF), diastase, electrical conductivity, lead (Pb) & pH | 100 g Fedex | 2021/11/2 | ¥71,000 | ¥14,000 |
| 2851 | Honey | moisture, fructose, glucose, sucrose, hydroxymethylfurfural (HMF), diastase & free acid | 100 g Fedex | 2022/3/8 | ¥71,000 | ¥14,000 |

Meat & Fish Indices

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|-------------|---------------------------------------|-----------------------------|-----------|---------------------|---------|
| 01144 | Salami | Water Activity | 15 g (4 slices) Fedex | 2021/5/4 | 要大臣許可 お問い合わせください | |
| 01152 | Canned Meat | total volatile basic nitrogen (TVB-N) | 150 g | 2022/3/31 | ¥55,000 | ¥19,000 |
| 25194 | Canned Fish | total volatile basic nitrogen (TVB-N) | 150 g | 2021/3/5 | ¥50,000 | ¥16,000 |
| 25204 | Canned Fish | total volatile basic nitrogen (TVB-N) | 150 g | 2021/9/8 | ¥55,000 | ¥19,000 |
| 25210 | Canned Fish | total volatile basic nitrogen (TVB-N) | 150 g | 2022/3/4 | ¥55,000 | ¥19,000 |

Olive Oil and Vegetable Oil

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|---------------|---|-----------------|-----------|---------|---------|
| 14228 | Olive Oil | peroxide value, acidity, anisidine value & iodine value | 100 ml Fedex | 2021/1/12 | ¥68,000 | ¥13,000 |
| 14230 | Olive Oil | peroxide value, acidity, K ₂₃₂ & K ₂₇₀ | 100 ml Fedex | 2021/3/30 | ¥68,000 | ¥13,000 |
| 14234 | Vegetable Oil | peroxide value (lower level), acidity (lower level), anisidine value & iodine value | 50 ml Fedex | 2021/6/14 | ¥71,000 | ¥16,000 |
| 14236 | Olive Oil | peroxide value, acidity, anisidine value & iodine value | 100 ml Fedex | 2021/7/13 | ¥71,000 | ¥16,000 |
| 14238 | Olive Oil | peroxide value, acidity, K ₂₃₂ & K ₂₇₀ | 100 ml Fedex | 2021/9/14 | ¥71,000 | ¥16,000 |
| 14242 | Vegetable Oil | peroxide value (lower level), acidity (lower level), anisidine value & iodine value | 50 ml Fedex | 2021/11/9 | ¥71,000 | ¥16,000 |
| 14245 | Olive Oil | peroxide value, acidity, anisidine value & iodine value | 100 ml Fedex | 2022/1/4 | ¥71,000 | ¥16,000 |
| 14248 | Olive Oil | peroxide value, acidity, K ₂₃₂ & K ₂₇₀ | 100 ml Fedex | 2022/3/29 | ¥71,000 | ¥16,000 |

VETERINARY DRUG RESIDUES <残留薬物（動物用）>

31-32ページに薬物リストが掲載されていますのでご確認ください。
 ブランクサンプルは対応する技能試験と一緒に注文してください。

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|----------------------|---|---------------|-----------|---------|---------------------|
| 02418 | Fish Muscle | malachite green, leucomalachite green & total malachite green | 20 g Fedex | 2021/1/4 | ¥83,000 | ¥18,000 |
| 02418b | Blank Fish Muscle | BLANK | 20 g | 2021/1/4 | ¥19,000 | |
| 02419 | Fish Muscle | sulfonamides | 20 g Fedex | 2021/1/4 | ¥83,000 | ¥18,000 |
| 02419b | Blank Fish Muscle | BLANK | 20 g | 2021/1/4 | ¥19,000 | |
| 02420 | Honey | tetracyclines & macrolides | 40 g Fedex | 2021/1/19 | ¥83,000 | ¥18,000 |
| 02420b | Blank Honey | BLANK | 40 g | 2021/1/19 | ¥19,000 | |
| 02421 | Honey | nitrofurans metabolites | 20 g Fedex | 2021/1/19 | ¥83,000 | ¥18,000 |
| 02424 | Prawns | tetracyclines | 20 g Fedex | 2021/2/15 | ¥83,000 | ¥18,000 |
| 02424b | Blank Prawns | BLANK | 20 g | 2021/2/15 | ¥19,000 | |
| 02427 | Honey | chloramphenicol, florfenicol, thiamphenicol & total phenicols | 20 g Fedex | 2021/4/12 | ¥87,000 | ¥20,000 |
| 02427b | Blank Honey | BLANK | 20 g | 2021/4/12 | ¥20,000 | |
| 02428 | Fish Muscle | quinolones & fluoroquinolones | 20 g Fedex | 2021/4/26 | ¥87,000 | ¥20,000 |
| 02428b | Blank Fish Muscle | BLANK | 20 g | 2021/4/26 | ¥20,000 | |
| 02429 | Chicken Muscle | nitrofurans metabolites | 20 g Fedex | 2021/4/26 | | 要大臣許可 お問い合わせください |
| 02429b | Blank Chicken Muscle | BLANK | 20 g | 2021/4/26 | | |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|----------------------|---|----------------|-----------|---------|---------------------|
| 02430 | Chicken Muscle | tetracyclines | 20 g Fedex | 2021/5/17 | | 要大臣許可 お問い合わせください |
| 02430b | Blank Chicken Muscle | BLANK | 20 g | 2021/5/17 | | |
| 02431 | Fish Muscle | ivermectins | 20 g Fedex | 2021/5/17 | ¥87,000 | ¥20,000 |
| 02431b | Blank Fish Muscle | BLANK | 20 g | 2021/5/17 | ¥20,000 | |
| 02432 | Pig Liver | Beta-agonists | 20 g Fedex | 2021/6/1 | | 要大臣許可 お問い合わせください |
| 02432b | Blank Pig Liver | BLANK | 20 g | 2021/6/1 | | |
| 02433 | Fish Muscle | illegal dyes (veterinary drugs) | 20 g Fedex | 2021/6/1 | ¥87,000 | ¥20,000 |
| 02433b | Blank Fish Muscle | BLANK | 20 g | 2021/6/1 | ¥20,000 | |
| 02434 | Bovine Urine | synthetic hormones | 25 ml Fedex | 2021/6/21 | | 要大臣許可 お問い合わせください |
| 02434b | Blank Bovine Urine | BLANK | 25 ml | 2021/6/21 | | |
| 02435 | Bovine Liver | tetracyclines & aminoglycosides | 40 g Fedex | 2021/7/5 | | 要大臣許可 お問い合わせください |
| 02435b | Blank Bovine Liver | BLANK | 40 g | 2021/7/5 | | |
| 02436 | Fish Muscle | chloramphenicol, florfenicol, thiamphenicol & total phenicols | 20 g Fedex | 2021/7/5 | ¥87,000 | ¥20,000 |
| 02436b | Blank Fish Muscle | BLANK | 20 g | 2021/7/5 | ¥20,000 | |
| 02437 | Honey | sulfonamides | 20 g Fedex | 2021/7/19 | ¥87,000 | ¥20,000 |
| 02437b | Blank Honey | BLANK | 20 g | 2021/7/19 | ¥20,000 | |
| 02438 | Fish Muscle | nitrofurans metabolites | 20 g Fedex | 2021/7/19 | ¥87,000 | ¥20,000 |
| 02438b | Blank Fish Muscle | BLANK | 20 g | 2021/7/19 | ¥20,000 | |
| 02439 | Chicken Liver | coccidiostats | 20 g Fedex | 2021/8/2 | | 要大臣許可 お問い合わせください |
| 02439b | Blank Chicken Liver | BLANK | 20 g | 2021/8/2 | | |
| 02440 | Chicken Muscle | nitroimidazoles | 20 g Fedex | 2021/8/2 | | 要大臣許可 お問い合わせください |
| 02440b | Blank Chicken Muscle | BLANK | 20 g | 2021/8/2 | | |
| 02441 | Honey | quinolones & fluoroquinolones | 20 g Fedex | 2021/8/17 | ¥87,000 | ¥20,000 |
| 02441b | Blank Honey | BLANK | 20 g | 2021/8/17 | ¥20,000 | |
| 02442 | Sheep Muscle | ivermectins & anthelmintics | 40 g Fedex | 2021/8/31 | | 要大臣許可 お問い合わせください |
| 02442b | Blank Sheep Muscle | BLANK | 40 g | 2021/8/31 | | |
| 02443 | Pig Muscle | tranquilizers | 20 g Fedex | 2021/8/31 | | 要大臣許可 お問い合わせください |
| 02443b | Blank Pig Muscle | BLANK | 20 g | 2021/8/31 | | |
| 02444 | Bovine Milk | chloramphenicol, florfenicol, thiamphenicol & total phenicols | 25 ml Fedex | 2021/9/27 | ¥87,000 | ¥20,000 |
| 02444b | Blank Bovine Milk | BLANK | 25 ml | 2021/9/27 | ¥20,000 | |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------|---|----------------|------------|---------------------|---------|
| 02445 | Bovine Milk | Beta-lactams (penicillins & cephalosporins) | 25 ml Fedex | 2021/9/27 | ¥87,000 | ¥20,000 |
| 02445b | Blank Bovine Milk | BLANK | 25 ml | 2021/9/27 | ¥20,000 | |
| 02446 | Poultry Feed | coccidiostats & chloramphenicol (contaminant levels) | 40 g | 2021/10/1 | ¥87,000 | ¥20,000 |
| 02447 | Prawns | nitrofurans metabolites | 20 g Fedex | 2021/10/18 | ¥87,000 | ¥20,000 |
| 02447b | Blank Prawns | BLANK | 20 g | 2021/10/18 | ¥20,000 | |
| 02448 | Fish Muscle | tetracyclines | 20 g Fedex | 2021/10/18 | ¥87,000 | ¥20,000 |
| 02448b | Blank Fish Muscle | BLANK | 20 g | 2021/10/18 | ¥20,000 | |
| 02449 | Prawns | chloramphenicol, florfenicol, thiamphenicol & total phenicols | 20 g Fedex | 2021/11/15 | ¥87,000 | ¥20,000 |
| 02449b | Blank Prawns | BLANK | 20 g Fedex | 2021/11/15 | ¥20,000 | |
| 02450 | Bovine Muscle | non-steroidal anti-inflammatory drugs (NSAIDs) | 25 g Fedex | 2021/11/15 | 要大臣許可 お問い合わせください | |
| 02450b | Blank Bovine Muscle | BLANK | 25 g | 2021/11/15 | | |
| 02451 | Corned Beef | Beta-agonists | 20 g | 2021/11/22 | ¥104,000 | ¥20,000 |
| 02452 | Honey | nitroimidazoles & aminoglycosides | 40 g | 2021/12/6 | ¥87,000 | ¥20,000 |
| 02452b | Blank Honey | BLANK | 40 g | 2021/12/6 | ¥20,000 | |
| 02453 | Bovine Urine | Natural Hormones and Thyrostats | 25 ml Fedex | 2021/12/6 | 要大臣許可 お問い合わせください | |
| 02454 | Fish Muscle | malachite green, leucomalachite green & total malachite green | 20 g Fedex | 2022/1/10 | ¥87,000 | ¥20,000 |
| 02454b | Blank Fish Muscle | BLANK | 20 g | 2022/1/10 | ¥20,000 | |
| 02455 | Fish Muscle | sulfonamides | 20 g Fedex | 2022/1/10 | ¥87,000 | ¥20,000 |
| 02455b | Blank Fish Muscle | BLANK | 20 g | 2022/1/10 | ¥20,000 | |
| 02456 | Honey | tetracyclines & macrolides | 40 g Fedex | 2022/1/18 | ¥87,000 | ¥20,000 |
| 02456b | Blank Honey | BLANK | 40 g | 2022/1/18 | ¥20,000 | |
| 02457 | Honey | nitrofurans metabolites | 20 g Fedex | 2022/1/18 | ¥87,000 | ¥20,000 |
| 02457b | Blank Honey | BLANK | 20 g | 2022/1/18 | ¥20,000 | |
| 02458 | Chicken (Hens) Eggs | quinolones & fluoroquinolones | 20 g Fedex | 2022/1/31 | 要大臣許可 お問い合わせください | |
| 02458b | Blank Chicken (Hens) Eggs | BLANK | 20 g | 2022/1/31 | | |
| 02459 | Bovine Muscle | glucocorticoids | 20 g Fedex | 2022/1/31 | 要大臣許可 お問い合わせください | |
| 02459b | Blank Bovine Muscle | BLANK | 20 g | 2022/1/31 | | |
| 02460 | Prawns | tetracyclines | 20 g Fedex | 2022/2/14 | ¥87,000 | ¥20,000 |
| 02460b | Blank Prawns | BLANK | 20 g | 2022/2/14 | ¥20,000 | |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|--------------------|--|---------------|-----------|-------|---------------------|
| 02461 | Bovine Liver | sulfonamides & trimethoprim & macrolides | 40 g Fedex | 2022/2/14 | | 要大臣許可 お問い合わせください |
| 02461b | Blank Bovine Liver | BLANK | 40 g | 2022/2/14 | | |
| 02462 | Bovine Serum | specified hormones | 2 x 25 ml | 2022/3/7 | | 要大臣許可 お問い合わせください |
| 02462b | Blank Bovine Serum | BLANK | 2 x 25 ml | 2022/3/7 | | |

Potential pesticide residues

multi-residue

2,4-D (free acid only), 2-phenylphenol (ortho-phenylphenol), 6-benzylaminopurine, abamectin (sum of avermectin B1a and B1b only), acephate, acetamiprid, acetochlor, aclonifen, acrinathrin, aldicarb, aldicarb-sulfone (aldoxycarb), aldicarb-sulfoxide, aldrin, allethrin, ametoctradin, amidosulfuron, atrazine, azinphos-ethyl, azinphos-methyl, azoxystrobin, benalaxyl, bendiocarb, benthiaivalicarb-isopropyl, bifenthrin (sum of isomers), biphenyl, bitertanol, boscalid, bromophos-ethyl, bromopropylate, bromuconazole (sum of diastereoisomers), bupirimate, buprofezin, cadusafos, carbaryl, carbendazim, carbofuran, carbofuran (3-hydroxy), carboxin, chlorantraniliprole (rynaxypr), chlordane (cis), chlordane (oxy), chlordane (trans), chlorfenapyr, chlorfenvinphos (sum of E and Z isomers), chloridazon, chlorobenzilate, chlorothalonil, chlorpropham, chlorpyrifos (ethyl), chlorpyrifos-methyl, chlorthalidimethyl, clofentezine, clothianidin, coumaphos, cyazofamid, cyflufenamid, cyfluthrin (sum of constituent isomers), cyhalothrin-lambda (includes cyhalothrin-gamma) (sum of R,S and S,R isomers), cymoxanil, cypermethrin (sum of constituent isomers), cyproconazole, cyprodinil, cyromazine, DDD-pp (TDE), DDE-pp, DDT-op, DDT-pp, deltamethrin, demeton-S-methyl, demeton-S-methyl-sulfone, demeton-S-methyl-sulfoxide (oxydemeton-methyl), diafenthiuron, diazinon, dichlorvos, dicloran, dicofol (sum of p,p' and o,p' isomers), dicrotophos, dieldrin, diethofencarb, difenoconazole, diflubenzuron, dimethoate, dimethomorph (sum of isomers), dimoxystrobin, diniconazole, dinotefuran, diphenylamine, disulfoton, disulfoton-sulfone, disulfoton-sulfoxide, diuron, dodine, Emamectin (as emamectin benzoate B1a, expressed as emamectin), endosulfan I (alpha), endosulfan II (beta), endosulfan-sulfate, endrin, EPN, epoxiconazole, ethiofencarb, ethiofencarb-sulfone, ethiofencarb-sulfoxide, ethion, ethirimol, ethoprophos, etofenprox, etoxazole, etrimfos, famoxadone, fenamidone, fenamiphos, fenamiphos-sulfone, fenamiphos-sulfoxide, fenarimol, fenazaquin, fenbuconazole, fenbutatin oxide, fenhexamid, fenitrothion, fenoxycarb, fenpropathrin, fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin), fenpropimorph (sum of isomers), fenpyroximate, fensulfothion, fensulfothion-oxon, fensulfothion-oxon-sulfone, fensulfothion-sulfone, fenthion (parent compound only), fenthion-sulfone, fenthion-sulfoxide, fenvalerate (sum of constituent isomers in any ratio including esfenvalerate), fipronil (parent compound only), fipronil-desulfinyl, fipronil-sulfone, flonicamid, fluazifop (free acid), fluazinam, flubendiamide, flucythrinate, fludioxonil, flufenacet (parent compound only), flufenoxuron, fluopicolide, fluopyram, fluoxastrobin (sum of fluoxastrobin and its Z-isomer), fluquinconazole, flusilazole, flutolanil, flutriafol, fluvalinate (tau), fluxapyroxad, fonofos, fosthiazate, furathiocarb, haloxyfop (free acid), HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), heptachlor,

heptachlor-epoxide (cis), heptachlor-epoxide (trans), heptenophos, hexaconazole, hexythiazox, imazalil, imidacloprid, indoxacarb (sum of indoxacarb and its R enantiomer), iprodione, iprovalicarb, isocarbofos, isofenphos (ethyl), isofenphos-methyl, isoprocarb, isoprothiolane, isoproturon, kresoxim-methyl, lenacil, linuron, ufenuron, malaaxon, malathion, mandipropamid, mecarbam, mepanipyrim, metaflumizone (sum of E and Z isomers), metalaxyl (sum of constituent isomers including metalaxyl-M), metamitron, metconazole, methacrifos, methamidophos, methidathion, methiocarb, methiocarb-sulfone, methiocarb-sulfoxide, methomyl, methoxychlor, methoxyfenozide, metolachlor (sum of constituent isomers including S-metolachlor), metrafenone, metribuzin, mevinphos (sum of E and Z isomers), molinate, monocrotophos, monolinuron, myclobutanil, nitrofen, novaluron, omethoate, oxadiazon, oxadixyl, oxamyl, oxyfluorfen, paclobutrazol, parathion (-ethyl), parathion-methyl, penconazole, pencycuron, pendimethalin, penflufen, pentachloroaniline, penthiopyrad, permethrin (sum of isomers), phenthoate, phorate, phorate-sulfone, phorate-sulfoxide, phosalone, phosmet, phosphamidon, phoxim, phthalimide, picoxystrobin, piperonyl butoxide, pirimicarb, pirimicarb (desmethyl), pirimiphos-ethyl, pirimiphos-methyl, prochloraz (parent compound only), procymidone, profenofos, promecarb, prometryn, propamocarb, propargite, propetamphos, propiconazole, propoxur, propyzamide, proquinazid, prosulfocarb, prothioconazole-desthio (sum of isomers), prothiofos, pymetrozine, pyraclostrobin, pyrazophos, pyrethrin (sum), pyridaben, pyridalyl, pyridaphenthion, pyrimethanil, pyriproxyfen, quassia, quinalphos, quinoxifen, quintozone, spinetoram, spinosad (sum of spinosyn A and D), spirodiclofen, spiromesifen, spirotetramat (parent compound only), spirotetramat-enol (expressed as spirotetramat), spiroxamine, tebuconazole, tebufenozide, tebufenpyrad, tecnazene, teflubenzuron, tefluthrin, terbufos, terbufos-sulfone, terbufos-sulfoxide, terbuthylazine, tetrachlorvinphos, tetraconazole, tetradifon, tetramethrin (sum of constituent isomers), TFNA, TFNG, thiabendazole, thiacloprid, thiamethoxam, thiodicarb, thiophanate-methyl, THPI, tolclofos-methyl, tolfenpyrad, tolylfluanid, triadimefon, triadimenol, triallate, triazophos, tricyclazole, trifloxystrobin, triflumuron, trifluralin, triticonazole, vinclozolin, zoxamide

multi-residue: honey matrix

acetamiprid, amitraz (parent compound only), clothianidin, coumaphos, dinotefuran, DMF (N-2,4-dimethylformamide) DMPF (N-2,4-dimethylphenylformamide), fluvalinate (tau), imidacloprid, methamidophos, nitenpyram, thiacloprid, thiamethoxam

multi-residue: tea matrix

2-phenylphenol (ortho-phenylphenol), abamectin (sum of avermectin B1a and B1b only), acetamiprid, anthraquinone, bifenthrin (sum of isomers), boscalid, buprofezin, carbaryl, carbendazim, chlorfenapyr, chlorfenvinphos (sum of E and Z isomers), chlorothalonil, chlorpyrifos (ethyl), cyhalothrin-lambda (includes cyhalothrin-gamma) (sum of R,S and S,R isomers), cypermethrin (sum of constituent isomers), DDD-pp (TDE), DDE-pp, DDT-op, DDT-pp, deltamethrin, diazinon, dicofol (sum of p,p' and o,p' isomers), dimethoate, dinotefuran, diuron, endosulfan I (alpha), endosulfan II (beta), endosulfan-sulfate, ethion, fenazaquin, fenitrothion, fenpropathrin, fenpropimorph (sum of isomers), fenvalerate (sum of constituent isomers in any ratio including esfenvalerate), fipronil-sulfone, flubendiamide, HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), imidacloprid, linuron, malathion, methomyl, monocrotophos, oxadixyl, permethrin (sum of isomers), phenthoate, phosalone, picoxystrobin, pirimiphos-methyl, procymidone, propargite, propiconazole, pyridaben, pyrimethanil, quinalphos, tebuconazole, terbuthylazine, tolfenpyrad, triazophos, trifloxystrobin

specified residues

acetamiprid, aldrin, azoxystrobin, bifenthrin (sum of isomers), chlorpyrifos (ethyl), chlorpyrifos-methyl, cypermethrin, (sum of constituent isomers), DDE-pp, deltamethrin, dichlorvos, dieldrin, dimethoate, endosulfan I (alpha), endosulfan II (beta), endosulfan-sulfate, endrin, ethion, fenpropathrin, fenthion-sulfone, HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), malathion, parathion-methyl, permethrin (sum of isomers), triazophos

recommended monitoring

abamectin (sum of avermectin B1a and B1b only) amitraz (parent compound only), bifenthrin, cypermethrin (sum of constituent isomers), diazinon, dichlorvos, DMF (N-2,4-dimethylformamide), DMPF (N-2,4-dimethylphenylformamide), etoxazole, fipronil (parent compound only), fipronil-desulfinyl, fipronil-sulfone, flufenoxuron, pyridaben, pyriproxyfen, thiamethoxam

single residues monitoring

2,4-DB, AMPA, bromide, chlormequat (sum of chlormequat and its salts, expressed as chlormequat chloride), dithiocarbamates, ethephon, ETU, fenbutatin oxide, glyphosate, haloxyfop (free acid), maleic hydrazide, mepiquat (sum of mepiquat and its salts, expressed as mepiquat chloride) MPPA, phosphoric acid, PTU, quizalofop (free acid)

Fat soluble

abamectin (sum of avermectin B1a and B1b only), acephate, aldicarb, aldicarb-sulfone (aldoxycarb),

aldicarb-sulfoxide, aldrin, allethrin, azamethiphos, azinphos-ethyl, azinphos-methyl, bendiocarb, bifenthrin (sum of isomers), bixafen, boscalid, bromophos-ethyl, cadusafos, carbaryl, carbendazim, carbofuran, carbofuran (3-hydroxy), chlordane (cis), chlordane (oxy), chlordane (trans), chlorfenvinphos (sum of E and Z isomers), chlorobenzilate, chlorpropham, chlorpyrifos (ethyl), chlorpyrifos-methyl, coumaphos, cyfluthrin (sum of constituent isomers), cyhalothrin-lambda (includes cyhalothrin-gamma) (sum of R,S and S,R isomers), cypermethrin (sum of constituent isomers), cyproconazole, cyromazine, DDD-pp (TDE), DDE-pp, DDT-op, DDT-pp, deltamethrin, diazinon, dieldrin, diflubenzuron, dimethoate, endosulfan I (alpha), endosulfan II (beta), endosulfan-sulfate, endrin, epoxiconazole, ethoprophos, etofenprox, etoxazole, famoxadone, fenitrothion, fenoxycarb, fenpropathrin, fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin), fenpropimorph (sum of isomers), fensulfothion-sulfone, fenthion (parent compound only), fenthion-sulfoxide, fenvalerate (sum of constituent isomers in any ratio including esfenvalerate), fipronil (parent compound only), fipronil-desulfinyl, fipronil-sulfone, fluazifop (free acid), flufenoxuron, flumethrin, fluquinconazole, flusilazole, fluvalinate (tau), haloxyfop (free acid), HCB (hexachlorobenzene), HCH-A (alpha hexachlorocyclohexane), HCH-B (beta hexachlorocyclohexane), HCH-D (delta hexachlorocyclohexane), HCH-G (gamma hexachlorocyclohexane / lindane), heptachlor, heptachlor-epoxide (cis), heptachlor-epoxide (trans), indoxacarb (sum of indoxacarb and its R enantiomer), lufenuron, malathion, metaflumizone (sum of E and Z isomers), metazachlor, methacrifos, methamidophos, methidathion, methiocarb, methiocarb-sulfone, methiocarb-sulfoxide, methomyl, methoxychlor, nitrofen, omethoate, oxamyl, parathion (-ethyl), parathion-methyl, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, pendimethalin, permethrin (sum of isomers), phosmet, phoxim, pirimicarb, pirimicarb (desmethyl), pirimiphos-methyl, prochloraz (parent compound only), profenofos, propetamphos, propoxur, prothioconazole-desthio (sum of isomers), pyrazophos, pyridaben, pyriproxyfen, quintozone, spinosad (sum of spinosyn A and D), tebuconazole, tecnazene, teflubenzuron, tefluthrin, tetrachlorvinphos, tetraconazole, thiacloprid, thiamethoxam, thiodicarb, triazophos, trifluralin, vinclozolin

EU red list

aldrin, cadusafos, chlorpropham, demeton-S-methyl, demeton-S-methyl-sulfone, demeton-S-methyl-sulfoxide (oxydemeton-methyl), dieldrin, dimethoate, diphenylamine, disulfoton, disulfoton-sulfone, disulfoton-sulfoxide, endrin, ethoprophos, fensulfothion fensulfothion-oxon, fensulfothion-oxon-sulfone, fensulfothion-sulfone, fentin (as triphenyltin cation), fipronil (parent compound only), fipronil desulfinyl, fipronil sulphone, haloxyfop (free acid), HCB (hexachlorobenzene), heptachlor, nitrofen, omethoate, terbufos, terbufos-sulfone, terbufos-sulfoxide,

Quaternary Ammonium Compounds

BAC 10 (Benzyldimethyldecylammonium Chloride),
BAC 12 (Benzyldimethyldodecylammonium Chloride),
BAC 14 (Benzyldimethyltetradecylammonium Chloride),
BAC 16 (Benzyldimethylhexadecylammonium Chloride),
DDAC (Didecyldimethylammonium Chloride)

disinfection by-products

BAC 10 (Benzyldimethyldecylammonium Chloride),
BAC 12 (Benzyldimethyldodecylammonium Chloride),
BAC 14 (Benzyldimethyltetradecylammonium Chloride),
BAC 16 (Benzyldimethylhexadecylammonium Chloride),
DDAC (Didecyldimethylammonium Chloride),
chlorate, perchlorate

specified residues (infant formula)

DDD-pp, (TDE), DDE-pp, HCB (hexachlorobenzene),
HCH-B (beta hexachlorocyclohexane),
HCH-G (gamma hexachlorocyclohexane / lindane),
PCB 52, PCB 138

Potential veterinary drug residues

aminoglycosides

apramycin, dihydrostreptomycin, gentamicin, kanamycin, neomycin, paromomycin, spectinomycin, streptomycin, total aminoglycosides

anthelmintics

5-hydroxythiabendazole, albendazole, albendazole-2-amino-sulfone, albendazole-sulfone, albendazole-sulfoxide, aminoflubendazole, aminomebendazole (mebendazole amine), amino-oxibendazole, cambendazole, clorsulon, closantel, coumaphos, derquantel, febantel, fenbendazole, flubendazole, hydroxyflubendazole, hydroxymebendazole, ketotriclabendazole, levamisole, mebendazole, monepantel, monepantel-sulfone, morantel, niclosamide, nitroxinil (nitroxynil), oxfendazole, oxfendazole-sulfone, oxibendazole, oxclozanide, radoxanide, thiabendazole, total albendazole-sulfone, total benzimidazoles, total flubendazole, total mebendazole, total oxfendazole-sulfone (sum of extractable residues which may be oxidized to oxfendazole sulfone), total thiabendazole, total triclabendazole, triclabendazole, triclabendazole-sulfone, triclabendazole-sulfoxide

avermectins

abamectin (avermectin B1a only), doramectin, emamectin, eprinomectin, ivermectin, moxidectin, total avermectins

β -agonists

brombuterol, bromchlorbuterol, cimaterol, cimbuterol, clenbuterol, clenpenterol, clenproperol, hydroxyclenbuterol, hydroxymethylclenbuterol, isoxsuprine, mabuterol, mapenterol, ractopamine, ritodrine, salbutamol, salmeterol, terbutaline, tulobuterol, zilpaterol, total β -agonists

β -lactams

amoxicillin, ampicillin, benzyl penicillin (penicillin G), cefalexin, cefalonium, cefapirin, cefazolin, cefoperazone, cefquinome, cloxacillin, desacetylcefapirin, dicloxacillin, nafcillin, oxacillin, penicillin V

coccidiostats

amprolium, clopidol, decoquinat, diclazuril, DNC (nicarbazin component), halofuginone, lasalocid, maduramycin, monensin, narasin, robenidine, salinomycin, semduramycin, toltrazuril-sulfone, total coccidiostats

glucocorticoids

betamethasone, dexamethasone, prednisolone, total glucocorticoids

gestagens,

altrenogest, chlormadinone, medroxyprogesterone, megestrol, melengestrol, total gestagens

illegal dyes (veterinary drugs)

brilliant green, crystal violet, leucomalachite green, malachite green, total malachite green, leucocrystal violet, total crystal violet, total veterinary dyes

nitrofurans metabolites

AHD (bound), AHD (total), AMOZ (bound), AMOZ (total), AOZ (bound), AOZ (total), SEM (bound), SEM (total), total nitrofurans metabolites

nitroimidazoles

2-hydroxy dimetridazole (HMMNI), 2-hydroxy ipronidazole, 2-hydroxy metronidazole, dimetridazole, ipronidazole, metronidazole, ronidazole, total nitroimidazoles

macrolides

3-O-acetyltylosin, erythromycin, gamithromycin, josamycin, lincomycin, oleandamycin, pirlimycin, rifampicin, spiramycin, tildipirosin, tilmicosin, total macrolides, total tylosin, tulathromycin, tylosin A, tylosin B, tylvalosin (aivlosin), virginiamycin

natural hormones

17 α -19-nortestosterone, 17 β -oestradiol (estradiol), 17 β -testosterone, beta-boldenone, boldenone, methyltestosterone, total natural hormones

non-steroidal anti-inflammatory drugs (NSAIDs)

5-hydroxyflunixin, carprofen, diclofenac, flunixin, ibuprofen, ketoprofen, meloxicam, naproxen, niflumic acid, oxyphenylbutazone, phenylbutazone, tolfenamic acid, total NSAIDs, vedaprofen

phenicols

chloramphenicol, florfenicol, florfenicol-amine, thiamphenicol

quinolones & fluoroquinolones

ciprofloxacin, danofloxacin, difloxacin, enrofloxacin, flumequine, marbofloxacin, nalidixic acid, norfloxacin, oxolinic acid, sarafloxacin, total quinolones

sulfonamides

dapsone, sulfachloropyridazine, sulfadiazine, sulfadimethoxine, sulfadimidine (sulfamethazine), sulfadoxine, sulfaguanidine, sulfamerazine, sulfamethizole, sulfamethoxazole, sulfamethoxypyridazine, sulfamonomethoxine, sulfamoxole, sulfanilamide, sulfapyridine, sulfaquinoxaline, sulfathiazole, sulfisoxazole, total sulfonamides

synthetic hormones

alpha-trenbolone, beta-trenbolone, cis-diethylstilbestrol (DES), dienestrol, ethinylestradiol, hexoestrol, methylboldenone, methyltestosterone, stanozolol, taleranol (beta-zearalanol), total diethylstilbestrol (DES), total synthetic hormones, trans-diethylstilbestrol (DES), zearalenone (ZON), zeranol (alpha-zearalanol)

tetracyclines

4-epi-chlortetracycline, 4-epi-oxytetracycline, 4-epi-tetracycline, chlortetracycline, doxycycline, oxytetracycline, tetracycline, total chlortetracycline (parent + epimer), total oxytetracycline (parent + epimer), total tetracycline (parent + epimer), total tetracyclines (all)

thyrostats

6-methyl-2-thiouracil (methylthiouracil), dimethylthiouracil, ethylthiouracil, mercaptobenzimidazole, methimazole (tapazole), phenylthiouracil, propylthiouracil, thiouracil, total thyrostats

tranquilizers

acepromazine, azaperol, azaperone, carazolol, chlorpromazine, haloperidol, propionylpromazine, total tranquilizers, xylazine



f a p a s[®]
celebrating 30 years

食品微生物分析：FEPAS

2021年1月～2022年3月

日本版プログラム

 株式会社 **セントラル** 科学貿易
CENTRAL SCIENTIFIC COMMERCE, INC.


Original thinking... applied

重要！：FEPASの前処理方法について

FEPASでは分析を開始する前に必ず所定の方法で前処理を行う必要があります。

サンプルの種類に応じて規定されていますので、「INSTRUCTIONS FOR THE PREPARATION OF SAMPLES」に従って前処理を行ってください。ここに掲載する文書は2020年11月時点のものです。

変更になる可能性がございますので必ず最新の指示書はFEPASのホームページでご確認ください

Fapas® – Food Microbiology

INSTRUCTIONS FOR THE PREPARATION OF SAMPLES

Beef, Chicken, Meat, Fish, Herbs (parsley), Egg, Salad, Rice, Mixed vegetables, Sprouting Seeds and Lettuce and Ready To Eat (RTE) Meal

These samples require a **rehydration** stage before you start the analysis.

TREAT EACH SAMPLE AS A WHOLE – DO NOT SUB-SAMPLE and ensure you rinse the container thoroughly.

For each sample for an **ENUMERATION test**: add 10 ml (+/- 0.2 ml) buffered peptone water.

Important Note: this gives you a sample which is equivalent to 10 g of a routine sample.

For each sample for a **DETECTION test (except tests for *Vibrio parahaemolyticus*)**: add 20 ml (+/- 0.2 ml) buffered peptone water.

Important Note: this gives you a sample which is equivalent to 25 g of a routine sample.

For each sample for a **DETECTION test for *Vibrio parahaemolyticus***:

add 20 ml (+/- 0.2 ml) **ASPW** (Alkaline Saline Peptone Water) or equivalent

Important Note: this gives you a sample which is equivalent to 25 g of a routine sample.

Then:

- Gently invert the sample a few times to aid rehydration.
- Leave the sample to stand at room temperature for 30 minutes (+/- 2minutes).

The sample is now ready to test using your usual procedure.

Milk Powder, Animal Feed Test Materials and Flour (for the detection of *E. coli* 0157:H7)

These samples require a **resuscitation** stage before you start the analysis.

TREAT EACH SAMPLE AS A WHOLE – DO NOT SUB-SAMPLE and ensure you rinse the container thoroughly.

Add the sample to the blender / homogeniser bag.

For each sample for an **ENUMERATION test**: add 90 ml (+/- 2 ml) of your usual diluent, rinsing the sample container with part of the diluent.

Important Note: this makes a 1/10 dilution.

For each sample for a **DETECTION test**: add 225 ml (+/- 5 ml) of your usual pre-enrichment / enrichment broth, rinsing the sample container with part of the broth.

Important Note: this makes a 1/10 dilution.

Then:

- Leave the sample to stand at room temperature for 30 minutes (+/- 2 minutes).

The sample is now ready to test using your usual procedure.

Ground Pepper, Chocolate, Chocolate Powder, Infant Formula and Flour for Yeasts and Moulds only

These samples can be analysed without any special preparation.

TREAT EACH SAMPLE AS A WHOLE – DO NOT SUB-SAMPLE and ensure you rinse the container thoroughly.

For each sample for an **ENUMERATION test** OR a **DETECTION test**.

The sample is ready to test using your usual procedure.

Sponge Swab for Detection

TREAT EACH SAMPLE AS A WHOLE – DO NOT SUB-SAMPLE and ensure you rinse the container thoroughly.

Add 10 ml (+/- 0.2 ml) buffered peptone water directly to the sponge in the container.

Then:

- Leave the sample to stand at room temperature for 30 minutes (+/- 2 minutes).

The sample is now ready to test using your usual procedure.

Cotton Swab for APC (Aerobic Plate Count)

TREAT EACH SAMPLE AS A WHOLE – DO NOT SUB-SAMPLE and ensure you rinse the container thoroughly.

Add 10 ml (+/- 0.2 ml) buffered peptone water to the sample and vortex thoroughly for 30 seconds.

Then:

- Leave the sample to stand at room temperature for 30 minutes (+/- 2 minutes) to rehydrate.
- Vortex the sample for 10 seconds.

The sample is now ready to test using your usual procedure.

Fruit Juice

TREAT EACH SAMPLE AS A WHOLE – DO NOT SUB-SAMPLE and ensure you rinse the vial thoroughly.

Add 1ml (from a 10ml (+/- 0.2 ml) aliquot) of buffered peptone water to the sample vial.

Then:

- Leave the sample to stand at room temperature for 1 minute (+/- 10 seconds).
- Carefully rinse the vial contents twice with a pastette (Pasteur pipette).
- Transfer the full contents from the vial into the 10ml buffered peptone water (from which the initial 1ml amount was taken) to give a final volume of 10ml (+/- 0.2 ml).

The sample is now ready to test using your usual procedure.

Cheese

These samples require a **rehydration** stage before you start the analysis.

TREAT EACH SAMPLE AS A WHOLE – DO NOT SUB-SAMPLE and ensure you rinse the container thoroughly.

For each sample for a **DETECTION test** add 20 ml (+/- 0.2 ml) buffered peptone water.

Important Note: this gives you a sample which is equivalent to 25 g of a routine sample.

Then:

- Gently invert the sample a few times to aid rehydration.
- Leave the sample to stand at room temperature for 30 minutes (+/- 2minutes).

The sample is now ready to test using your usual procedure.

Soft Cheese (for *Listeria monocytogenes* tests)

These samples can be analysed without any special preparation.

TREAT EACH SAMPLE AS A WHOLE – DO NOT SUB-SAMPLE and ensure you rinse the container thoroughly.

For each sample for an **ENUMERATION test** OR a **DETECTION test**.

The sample is ready to test using your usual procedure.

「要大臣許可：お問い合わせください」と表示されている技能試験は輸入する際に大臣許可が必要となります。申請書を提出してから許可がおりるまでに3か月程度かかりますので、該当技能試験をご希望される場合は出荷日の3か月以上前までに弊社までご連絡ください。申請書について弊社からご案内いたします。申請書の作成、動物検疫所への提出はお客様ご自身で行う必要がございます。ラボの設備によっては許可が下りないこともございます。あらかじめご了承ください。許可が得られない場合は技能試験に参加できませんので、大臣許可が得られた時点で申込受付をさせていただきます。

※FEPASサンプルは全てFedexでの輸送となります。

※日本へは記載されている出荷日（月曜日）の前週金曜日に出荷されます。

※Analyteに「Enumeration」と記載されている技能試験は菌数測定試験になります。

「detection」と記載されている技能試験は菌検出試験になります。

INDICATOR ORGANISMS <衛生指標菌>

Beef <母材：牛肉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------|---|--------------------|------------|---------------------|---------|
| M263e10 | Beef | <i>Escherichia coli</i> (Enumeration) by MPN method | equivalent to 10 g | 2021/4/19 | 要大臣許可 お問い合わせください | |
| M263e19 | Beef | Enterococci (Enumeration) | equivalent to 10 g | 2021/4/19 | 要大臣許可 お問い合わせください | |
| M264e10 | Beef | <i>Escherichia coli</i> (Enumeration) | equivalent to 10 g | 2021/5/24 | 要大臣許可 お問い合わせください | |
| M264e15 | Beef | Yeasts and Moulds (sum of) (Enumeration) | equivalent to 10 g | 2021/5/24 | 要大臣許可 お問い合わせください | |
| M264e18 | Beef | Coliforms (Enumeration) | equivalent to 10 g | 2021/5/24 | 要大臣許可 お問い合わせください | |
| M265e14 | Beef | Coagulase Positive Staphylococci (Enumeration) | equivalent to 10 g | 2021/6/28 | 要大臣許可 お問い合わせください | |
| M267e01 | Beef | Lactic acid bacteria (Enumeration) | equivalent to 10 g | 2021/8/23 | 要大臣許可 お問い合わせください | |
| M267e06 | Beef | <i>Clostridium</i> spp., Sulphite Reducing Clostridia, <i>Clostridium Perfringens</i> (Enumeration) | equivalent to 10 g | 2021/8/23 | 要大臣許可 お問い合わせください | |
| M270e04 | Beef | Enterobacteriaceae, Coliforms and <i>Escherichia coli</i> (Enumeration) | equivalent to 10 g | 2021/11/29 | 要大臣許可 お問い合わせください | |
| M271e10 | Beef | <i>Escherichia coli</i> (Enumeration) | equivalent to 10 g | 2022/2/7 | 要大臣許可 お問い合わせください | |
| M271e14 | Beef | Coagulase Positive Staphylococci (Enumeration) | equivalent to 10 g | 2022/2/7 | 要大臣許可 お問い合わせください | |
| M272e13 | Beef | <i>Bacillus cereus</i> and Aerobic Plate Count (Enumeration) | equivalent to 10 g | 2022/2/28 | 要大臣許可 お問い合わせください | |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------|---|--------------------|-----------|-------|---------------------|
| M273e05 | Beef | Enterobacteriaceae and Aerobic Plate Count (Enumeration) | equivalent to 10 g | 2022/3/28 | | 要大臣許可 お問い合わせください |
| M273e06 | Beef | <i>Clostridium</i> spp., Sulphite Reducing Clostridia, <i>Clostridium Perfringens</i> (Enumeration) | equivalent to 10 g | 2022/3/28 | | 要大臣許可 お問い合わせください |

Chicken <母材：鶏肉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------|-----------------------------------|--------------------|------------|-------|---------------------|
| M270e09 | Chicken | Aerobic Plate Count (Enumeration) | equivalent to 10 g | 2021/11/29 | | 要大臣許可 お問い合わせください |

Cooked Rice <母材：調理済米>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-------------|--------------------------------------|--------------------|-----------|---------|---------|
| M260e12 | Cooked Rice | <i>Bacillus cereus</i> (Enumeration) | equivalent to 10 g | 2021/1/25 | ¥51,000 | ¥13,000 |
| M267e12 | Cooked Rice | <i>Bacillus cereus</i> (Enumeration) | equivalent to 10 g | 2021/8/23 | ¥51,000 | ¥13,000 |
| M271e12 | Cooked Rice | <i>Bacillus cereus</i> (Enumeration) | equivalent to 10 g | 2022/2/7 | ¥51,000 | ¥13,000 |

Fish

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------|--|--------------------|-----------|---------|---------|
| M268e24 | Fish | Aerobic Plate Count, Enterobacteriaceae, Coliforms and <i>Escherichia coli</i> (Enumeration) | equivalent to 10 g | 2021/9/20 | ¥51,000 | ¥13,000 |

Flour <母材：小麦粉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------|--|--------------------|------------|---------|---------|
| M261e15 | Flour | Yeasts and Moulds (sum of) (Enumeration) | equivalent to 10 g | 2021/2/22 | ¥66,000 | ¥13,000 |
| M270e15 | Flour | Yeasts and Moulds (sum of) (Enumeration) | equivalent to 10 g | 2021/11/29 | ¥67,000 | ¥13,000 |
| M272e15 | Flour | Yeasts and Moulds (sum of) (Enumeration) | equivalent to 10 g | 2022/2/28 | ¥67,000 | ¥13,000 |

Fruit Juice <母材：フルーツジュース>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-------------|--|---------------------|-----------|---------|---------|
| M261e22 | Fruit Juice | Thermophilic acidophilic bacteria (TAB) (Enumeration) and Guaiacol Producing TAB (Detection) | equivalent to 10 ml | 2021/2/22 | ¥51,000 | ¥13,000 |
| M262e15 | Fruit Juice | Moulds (Enumeration) | equivalent to 10 ml | 2021/3/29 | ¥51,000 | ¥13,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-------------|--|---------------------|-----------|---------|---------|
| M267e23 | Fruit Juice | Aerobic Plate Count and Lactic acid bacteria (Enumeration) | equivalent to 10 ml | 2021/8/23 | ¥51,000 | ¥13,000 |
| M268e15 | Fruit Juice | Yeasts (Enumeration) | equivalent to 10 ml | 2021/9/20 | ¥51,000 | ¥13,000 |
| M272e22 | Fruit Juice | Thermophilic acidophilic bacteria (TAB) (Enumeration) and Guaiacol Producing TAB (Detection) | equivalent to 10 ml | 2022/2/28 | ¥51,000 | ¥13,000 |
| M273e15 | Fruit Juice | Moulds (Enumeration) | equivalent to 10 ml | 2022/3/28 | ¥51,000 | ¥13,000 |

Infant Formula <母材：乳児用調整乳>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|---|--------------------|-----------|---------|---------|
| M268e06 | Infant Formula | <i>Clostridium</i> spp., Sulphite Reducing Clostridia, <i>Clostridium Perfringens</i> (Enumeration) | equivalent to 10 g | 2021/9/20 | ¥51,000 | ¥13,000 |

Milk Powder <母材：粉乳>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-------------|---|--------------------|------------|---------|---------|
| M260e06 | Milk Powder | <i>Clostridium</i> spp., Sulphite Reducing Clostridia, <i>Clostridium Perfringens</i> (Enumeration) | equivalent to 10 g | 2021/1/25 | ¥51,000 | ¥13,000 |
| M261e18 | Milk Powder | Coliforms (Enumeration) | equivalent to 10 g | 2021/2/22 | ¥51,000 | ¥13,000 |
| M262e09 | Milk Powder | Aerobic Plate Count (Enumeration) | equivalent to 10 g | 2021/3/29 | ¥51,000 | ¥13,000 |
| M263e03 | Milk Powder | Enterobacteriaceae (Enumeration) | equivalent to 10 g | 2021/4/19 | ¥51,000 | ¥13,000 |
| M263e13 | Milk Powder | <i>Bacillus cereus</i> and Aerobic Plate Count (Enumeration) | equivalent to 10 g | 2021/4/19 | ¥51,000 | ¥13,000 |
| M263e14 | Milk Powder | Coagulase Positive Staphylococci (Enumeration) | equivalent to 10 g | 2021/4/19 | ¥51,000 | ¥13,000 |
| M264e06 | Milk Powder | <i>Clostridium</i> spp., Sulphite Reducing Clostridia, <i>Clostridium Perfringens</i> (Enumeration) | equivalent to 10 g | 2021/5/24 | ¥51,000 | ¥13,000 |
| M268e10 | Milk Powder | <i>Escherichia coli</i> (Enumeration) | equivalent to 10 g | 2021/9/20 | ¥51,000 | ¥13,000 |
| M269e14 | Milk Powder | Coagulase Positive Staphylococci (Enumeration) | equivalent to 10 g | 2021/10/25 | ¥51,000 | ¥13,000 |
| M269e24 | Milk Powder | Aerobic Plate Count, Enterobacteriaceae, Coliforms and <i>Escherichia coli</i> (Enumeration) | equivalent to 10 g | 2021/10/25 | ¥51,000 | ¥13,000 |
| M271e06 | Milk Powder | <i>Clostridium</i> spp., Sulphite Reducing Clostridia, <i>Clostridium Perfringens</i> (Enumeration) | equivalent to 10 g | 2022/2/7 | ¥51,000 | ¥13,000 |
| M271e09 | Milk Powder | Aerobic Plate Count (Enumeration) | equivalent to 10 g | 2022/2/7 | ¥51,000 | ¥13,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-------------|-----------------------------------|--------------------|-----------|---------|---------|
| M272e18 | Milk Powder | Coliforms (Enumeration) | equivalent to 10 g | 2022/2/28 | ¥51,000 | ¥13,000 |
| M273e09 | Milk Powder | Aerobic Plate Count (Enumeration) | equivalent to 10 g | 2022/3/28 | ¥51,000 | ¥13,000 |

Spice <母材：スパイス>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------|---|--------------------|------------|---------|---------|
| M269e27 | Spice | <i>Bacillus</i> spp. and Moulds (Enumeration) | equivalent to 10 g | 2021/10/25 | ¥67,000 | ¥13,000 |

Swab (cotton / sponge) <母材：コットン/スポンジスワブ>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------------|---|--------|-----------|---------|---------|
| M261e09 | Swab (Cotton) | Aerobic Plate Count (Enumeration) | 1 swab | 2021/2/22 | ¥51,000 | ¥13,000 |
| M266e26 | Swab (Sponge) | Aerobic Plate Count, Enterobacteriaceae, Coagulase Positive Staphylococci and <i>Escherichia coli</i> (Enumeration) | 1 swab | 2021/7/26 | ¥51,000 | ¥13,000 |
| M272e09 | Swab (Cotton) | Aerobic Plate Count (Enumeration) | 1 swab | 2022/2/28 | ¥51,000 | ¥13,000 |

PATHOGENS <病原菌>

Beef <母材：牛肉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|--------|--|------------------------|------------|-------|---------------------|
| M264d11 | Beef | <i>Escherichia coli</i> O157:H7 (Detection) | equivalent to 2 x 25 g | 2021/5/24 | | 要大臣許可 お問い合わせください |
| M269d071 | Beef | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/10/25 | | 要大臣許可 お問い合わせください |
| M269d11 | Beef | <i>Escherichia coli</i> O157:H7 (Detection) | equivalent to 2 x 25 g | 2021/10/25 | | 要大臣許可 お問い合わせください |
| M271d02 | Beef | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | equivalent to 2 x 25 g | 2022/2/7 | | 要大臣許可 お問い合わせください |

Cheese <チーズ>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------|---|------------------------|-----------|---------|---------|
| M267d11 | Cheese | <i>Escherichia coli</i> O157:H7 (Detection) | equivalent to 2 x 25 g | 2021/8/23 | ¥51,000 | ¥13,000 |

Chicken <母材：鶏肉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|---------|--|------------------------|------------|-------|---------------------|
| M263d17 | Chicken | <i>Campylobacter</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/4/19 | | 要大臣許可 お問い合わせください |
| M264d02 | Chicken | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/5/24 | | 要大臣許可 お問い合わせください |
| M267d071 | Chicken | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/8/23 | | 要大臣許可 お問い合わせください |
| M268e02 | Chicken | <i>Listeria monocytogenes</i> (Enumeration) | equivalent to 10 g | 2021/9/20 | | 要大臣許可 お問い合わせください |
| M269d17 | Chicken | <i>Campylobacter</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/10/25 | | 要大臣許可 お問い合わせください |
| M270d02 | Chicken | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/11/29 | | 要大臣許可 お問い合わせください |
| M270e17 | Chicken | <i>Campylobacter</i> spp. (Enumeration) | equivalent to 10 g | 2021/11/29 | | 要大臣許可 お問い合わせください |
| M271d071 | Chicken | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2022/2/7 | | 要大臣許可 お問い合わせください |
| M273e02 | Chicken | <i>Listeria monocytogenes</i> (Enumeration) | equivalent to 10 g | 2022/3/28 | | 要大臣許可 お問い合わせください |

Chocolate <母材：チョコレート>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|-----------|------------------------------------|------------------------|-----------|---------|---------|
| M260d072 | Chocolate | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/1/25 | ¥51,000 | ¥13,000 |
| M271d072 | Chocolate | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2022/2/7 | ¥51,000 | ¥13,000 |

Chocolate powder <母材：チョコレートパウダー>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|------------------|------------------------------------|------------------------|-----------|---------|---------|
| M268d07 | Chocolate Powder | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/9/20 | ¥51,000 | ¥13,000 |

Dried Egg <母材：乾燥卵>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|-----------|------------------------------------|------------------------|-----------|-------|---------------------|
| M273d071 | Dried Egg | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2022/3/28 | | 要大臣許可 お問い合わせください |

Dry Cured Meat <母材：乾燥肉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|---|------------------------|-----------|-------|---------------------|
| M265d02 | Dry Cured Meat | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/6/28 | | 要大臣許可 お問い合わせください |

Fish <母材：魚>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------|--|------------------------|-----------|---------|---------|
| M261d21 | Fish | <i>Vibrio parahaemolyticus</i> (Detection) | equivalent to 2 x 25 g | 2021/2/22 | ¥51,000 | ¥13,000 |
| M268d21 | Fish | <i>Vibrio parahaemolyticus</i> (Detection) | equivalent to 2 x 25 g | 2021/9/20 | ¥51,000 | ¥13,000 |
| M272d21 | Fish | <i>Vibrio parahaemolyticus</i> (Detection) | equivalent to 2 x 25 g | 2022/2/28 | ¥51,000 | ¥13,000 |

Flour <母材：小麦粉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------|---|------------------------|-----------|---------|---------|
| M268d11 | Flour | <i>Escherichia coli</i> O157:H7 (Detection) | equivalent to 2 x 25 g | 2021/9/20 | ¥67,000 | ¥13,000 |

Ground Pepper <母材：挽きこしょう>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|---------------|------------------------------------|------------------------|------------|---------|---------|
| M270d071 | Ground Pepper | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/11/29 | ¥67,000 | ¥13,000 |

Infant Formula <母材：乳児用調整乳>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|----------------|---|------------------------|------------|---------|---------|
| M261d20 | Infant Formula | <i>Cronobacter (Enterobacter) sakazakii</i> (Detection) | equivalent to 2 x 10 g | 2021/2/22 | ¥51,000 | ¥13,000 |
| M269d072 | Infant Formula | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/10/25 | ¥51,000 | ¥13,000 |
| M272d20 | Infant Formula | <i>Cronobacter (Enterobacter) sakazakii</i> (Detection) | equivalent to 2 x 10 g | 2022/2/28 | ¥51,000 | ¥13,000 |

Milk Powder <母材：粉乳>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|-------------|---|------------------------|-----------|---------|---------|
| M262d02 | Milk Powder | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/3/29 | ¥51,000 | ¥13,000 |
| M262d072 | Milk Powder | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/3/29 | ¥51,000 | ¥13,000 |
| M265d17 | Milk Powder | <i>Campylobacter</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/6/28 | ¥51,000 | ¥13,000 |
| M267d072 | Milk Powder | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/8/23 | ¥51,000 | ¥13,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|-------------|---|---------------------------|-----------|---------|---------|
| M273d02 | Milk Powder | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | equivalent to 2 x 25 g | 2022/3/28 | ¥51,000 | ¥13,000 |
| M273d072 | Milk Powder | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2022/3/28 | ¥51,000 | ¥13,000 |

Pork <母材：豚肉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|--------|------------------------------------|---------------------------|-----------|---------------------|---------|
| M265d071 | Pork | <i>Salmonella</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/6/28 | 要大臣許可 お問い合わせください | |

Smoked Fish <母材：燻製魚>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-------------|---|---------------------------|-----------|---------|---------|
| M267e02 | Smoked Fish | <i>Listeria monocytogenes</i> (Enumeration) | equivalent to 10 g | 2021/8/23 | ¥51,000 | ¥13,000 |
| M268d02 | Smoked Fish | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | equivalent to 2 x 25 g | 2021/9/20 | ¥51,000 | ¥13,000 |

Soft Cheese <母材：ソフトチーズ>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-------------|--|---------------------------|-----------|---------|---------|
| M263d02 | Soft Cheese | <i>Listeria monocytogenes</i> (Detection) | equivalent to 2 x 25 g | 2021/4/19 | ¥51,000 | ¥13,000 |

Swab (Sponge) <母材：スポンジスワブ>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|------------------|---|--------------------|-----------|---------|---------|
| M261d02 | Swab (Sponge) | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | 2 x sponge swab | 2021/2/22 | ¥51,000 | ¥13,000 |
| M261d07 | Swab (Sponge) | <i>Salmonella</i> spp. (Detection) | 2 x sponge swab | 2021/2/22 | ¥51,000 | ¥13,000 |
| M266d02 | Swab (Sponge) | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | 2 x sponge swab | 2021/7/26 | ¥51,000 | ¥13,000 |
| M266d07 | Swab (Sponge) | <i>Salmonella</i> spp. (Detection) | 2 x sponge swab | 2021/7/26 | ¥51,000 | ¥13,000 |
| M266d11 | Swab (Sponge) | <i>Escherichia coli</i> O157:H7 (Detection) | 2 x sponge swab | 2021/7/26 | ¥51,000 | ¥13,000 |
| M272d02 | Swab (Sponge) | <i>Listeria monocytogenes</i> / <i>Listeria</i> spp. (Detection) | 2 x sponge swab | 2022/2/28 | ¥51,000 | ¥13,000 |
| M272d07 | Swab (Sponge) | <i>Salmonella</i> spp. (Detection) | 2 x sponge swab | 2022/2/28 | ¥51,000 | ¥13,000 |



fapas[®]
celebrating 30 years

遺伝子組換え食品検査：GeMMA

2021年1月～2022年3月

日本版プログラム

 株式会社 **セントラル** 科学貿易
CENTRAL SCIENTIFIC COMMERCE, INC.



fera
Original thinking... applied

ANIMAL FEED <母材：動物用飼料>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------------------|--------------|-----|------------|---------|---------|
| GeMMP38 | Animal Feed (Cereal Based) | Maize & Soya | 5 g | 2021/3/19 | ¥96,000 | ¥20,000 |
| GeMMP40 | Animal Feed (Cereal Based) | Maize & Soya | 5 g | 18/03/2022 | ¥99,000 | ¥21,000 |

BAKED PRODUCT <母材：焼き菓子様製品>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------------|--------------|-----|-----------|---------|---------|
| GeMMP39 | Baked Product | Maize & Soya | 5 g | 2021/6/10 | ¥83,000 | ¥21,000 |

MAIZE FLOUR <母材：トウモロコシ粉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|------------------|----------|-----|------------|---------|---------|
| GeMMU91 | 100% Maize Flour | Maize | 5 g | 2021/4/8 | ¥99,000 | ¥21,000 |
| GeMMU94 | 100% Maize Flour | Maize | 5 g | 2021/8/13 | ¥99,000 | ¥21,000 |
| GeMMU96 | 100% Maize Flour | Maize | 5 g | 2021/12/10 | ¥99,000 | ¥21,000 |

MIXED FLOURS <母材：混合粉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------------|--------------|-----|-----------|---------|---------|
| GeMMU90 | Mixed Flours | Maize & Soya | 5 g | 2021/2/12 | ¥96,000 | ¥20,000 |
| GeMMU93 | Mixed Flours | Maize & Soya | 5 g | 2021/7/2 | ¥99,000 | ¥21,000 |
| GeMMU98 | Mixed Flours | Maize & Soya | 5 g | 2022/2/11 | ¥99,000 | ¥21,000 |

MIXED FLOURS & PROCESSED MATRIX <母材：混合粉・加工品>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---|--------------|---------|-----------|----------|---------|
| GeMMC06 | Mixed Flours & Processed Matrix (Baked Product) | Maize & Soya | 2 x 5 g | 2021/1/8 | ¥128,000 | ¥30,000 |
| GeMMC07 | Mixed Flours & Processed Matrix | Soya | 2 x 5 g | 2021/10/8 | ¥131,000 | ¥31,000 |
| GeMMC08 | Mixed Flours & Processed Matrix (Baked Product) | Maize & Soya | 2 x 5 g | 2022/1/7 | ¥131,000 | ¥31,000 |

SOYA FLOUR <大豆粉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-----------------|----------|-----|-----------|---------|---------|
| GeMMU89 | 100% Soya Flour | Soya | 5 g | 2021/1/15 | ¥96,000 | ¥20,000 |
| GeMMU92 | 100% Soya Flour | Soya | 5 g | 2021/5/14 | ¥99,000 | ¥21,000 |
| GeMMU97 | 100% Soya Flour | Soya | 5 g | 2022/1/14 | ¥99,000 | ¥21,000 |

TOBACCO <タバコ>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------|-------------|---------|-----------|---------|---------|
| GeMST08 | Tobacco | p35S & tNOS | 3 x 5 g | 2021/6/18 | ¥83,000 | ¥21,000 |

WHEAT FLOUR <小麦粉>

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-------------|---|---------|-----------|---------|---------|
| GeMMU95 | Wheat Flour | Contamination test (maize, soya & rice) | 3 x 5 g | 2021/11/5 | ¥99,000 | ¥21,000 |



f a p a s[®]
celebrating 30 years

飲料水化学分析：LEAP

2021年1月～2022年3月

日本版プログラム

 株式会社 **セントラル** 科学貿易
CENTRAL SCIENTIFIC COMMERCE, INC.

**fera**

Original thinking... applied

※LEAPサンプルは全てFedex輸送となります。
 ※分析項目の濃度範囲はページをご確認ください

DRINKING WATER <飲料水>

Acid Herbicides

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|-----------------|-------------------------------|-----------|---------|---------|
| DWC0911 | Drinking Water | Acid Herbicides | 1 litre + spiking conc. | 2021/4/27 | ¥76,000 | ¥11,000 |
| DWC0912 | Drinking Water | Acid Herbicides | 1 litre + spiking conc. | 2021/10/5 | ¥76,000 | ¥11,000 |

BTEX

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|----------|-------------------------------|-----------|---------|---------|
| DWC1120 | Drinking Water | BTEX | 1 litre + spiking conc. | 2021/2/16 | ¥66,000 | ¥11,000 |
| DWC1121 | Drinking Water | BTEX | 1 litre + spiking conc. | 2021/4/27 | ¥68,000 | ¥11,000 |
| DWC1122 | Drinking Water | BTEX | 1 litre + spiking conc. | 2021/7/6 | ¥68,000 | ¥11,000 |
| DWC1123 | Drinking Water | BTEX | 1 litre + spiking conc. | 2021/10/5 | ¥68,000 | ¥11,000 |
| DWC1124 | Drinking Water | BTEX | 1 litre + spiking conc. | 2022/2/15 | ¥68,000 | ¥11,000 |

Chlorine

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---|----------|------|-----------|---------|---------|
| DWC1219 | Drinking Water (Standard Concentrate) | Chlorine | 3 ml | 2021/3/16 | ¥41,000 | ¥11,000 |
| DWC1220 | Drinking Water (Standard Concentrate) | Chlorine | 3 ml | 2021/5/18 | ¥42,000 | ¥11,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--|----------|------|------------|---------|---------|
| DWC1221 | Drinking Water (Standard Concentrate) | Chlorine | 3 ml | 2021/7/27 | ¥42,000 | ¥11,000 |
| DWC1222 | Drinking Water (Standard Concentrate) | Chlorine | 3 ml | 2021/11/16 | ¥42,000 | ¥11,000 |
| DWC1223 | Drinking Water (Standard Concentrate) | Chlorine | 3 ml | 2022/3/15 | ¥42,000 | ¥11,000 |

Contamination Incident (Emergency Scheme)

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|-------|----------------|------------------------|---|-----------|----------|----------|
| EMY42 | Drinking Water | Contamination incident | 3 x 1 litre + 250 ml + blanks + 500 ml | 2021/5/6 | ¥194,000 | ¥174,000 |
| EMY43 | Drinking Water | Contamination incident | 3 x 1 litre + 250 ml + blanks + 500 ml | 2021/9/30 | ¥194,000 | ¥174,000 |

Fluorosurfactants (PFOS & PFOA)

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--|---------------------------------|---------------|-----------|---------|---------|
| DWC1904 | Drinking Water (Standard Concentrate) | Fluorosurfactants (PFOS & PFOA) | spiking conc. | 2021/2/16 | ¥52,000 | ¥11,000 |
| DWC1905 | Drinking Water (Standard Concentrate) | Fluorosurfactants (PFOS & PFOA) | spiking conc. | 2021/7/6 | ¥53,000 | ¥11,000 |
| DWC1906 | Drinking Water (Standard Concentrate) | Fluorosurfactants (PFOS & PFOA) | spiking conc. | 2022/2/15 | ¥53,000 | ¥11,000 |

Haloacetic Acids

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--------------------------------------|------------------|----------------------------|-----------|---------|---------|
| DWC1709 | Drinking Water (Ultra Pure Water) | Haloacetic Acids | 1 litre + spiking conc. | 2021/5/25 | ¥76,000 | ¥11,000 |
| DWC1710 | Drinking Water (Ultra Pure Water) | Haloacetic Acids | 1 litre + spiking conc. | 2021/11/9 | ¥76,000 | ¥11,000 |

Hexavalent Chromium

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|--|---------------------|-------|------------|---------|---------|
| DWC1812 | Drinking Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/3/16 | ¥44,000 | ¥17,000 |
| DWC1813 | Drinking Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/5/18 | ¥45,000 | ¥17,000 |
| DWC1814 | Drinking Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/7/27 | ¥45,000 | ¥17,000 |
| DWC1815 | Drinking Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/11/16 | ¥45,000 | ¥17,000 |
| DWC1816 | Drinking Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2022/3/15 | ¥45,000 | ¥17,000 |

Inorganic Disinfection By-products

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------------------------------------|------------------------------------|--------|------------|---------|---------|
| DWC0519 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | 125 ml | 2021/3/16 | ¥56,000 | ¥11,000 |
| DWC0520 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | 125 ml | 2021/5/18 | ¥57,000 | ¥11,000 |
| DWC0521 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | 125 ml | 2021/7/27 | ¥57,000 | ¥11,000 |
| DWC0522 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | 125 ml | 2021/11/16 | ¥57,000 | ¥11,000 |
| DWC0523 | Drinking Water (Standard Solution) | Inorganic Disinfection By-products | 125 ml | 2022/3/15 | ¥57,000 | ¥11,000 |

Major Inorganic Components

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|----------------------------|-------------------------|------------|---------|---------|
| DWC0129 | Drinking Water | Major Inorganic Components | 1 litre + spiking conc. | 2021/1/26 | ¥44,000 | ¥11,000 |
| DWC0130 | Drinking Water | Major Inorganic Components | 1 litre + spiking conc. | 2021/3/16 | ¥44,000 | ¥11,000 |
| DWC0131 | Drinking Water | Major Inorganic Components | 1 litre + spiking conc. | 2021/5/18 | ¥45,000 | ¥11,000 |
| DWC0132 | Drinking Water | Major Inorganic Components | 1 litre + spiking conc. | 2021/7/27 | ¥45,000 | ¥11,000 |
| DWC0133 | Drinking Water | Major Inorganic Components | 1 litre + spiking conc. | 2021/9/28 | ¥45,000 | ¥11,000 |
| DWC0134 | Drinking Water | Major Inorganic Components | 1 litre + spiking conc. | 2021/11/16 | ¥45,000 | ¥11,000 |
| DWC0135 | Drinking Water | Major Inorganic Components | 1 litre + spiking conc. | 2022/1/25 | ¥45,000 | ¥11,000 |
| DWC0136 | Drinking Water | Major Inorganic Components | 1 litre + spiking conc. | 2022/3/15 | ¥45,000 | ¥11,000 |

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round,(such as DWC0129 and DWC0229) you will receive only ONE litre of water and ONE spiking concentrate.

Non-Routine Metals

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-----------------------------------|--------------------|----------------------------|------------|---------|---------|
| DWC0419 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | 1 x 500 ml + spiking conc. | 2021/3/16 | ¥73,000 | ¥11,000 |
| DWC0420 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | 1 x 500 ml + spiking conc. | 2021/5/18 | ¥74,000 | ¥11,000 |
| DWC0421 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | 1 x 500 ml + spiking conc. | 2021/7/27 | ¥74,000 | ¥11,000 |
| DWC0422 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | 1 x 500 ml + spiking conc. | 2021/11/16 | ¥74,000 | ¥11,000 |
| DWC0423 | Drinking Water (Ultra Pure Water) | Non-Routine Metals | 1 x 500 ml + spiking conc. | 2022/3/15 | ¥74,000 | ¥11,000 |

OC Pesticides

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|---------------|-------------------------|-----------|---------|---------|
| DWC1020 | Drinking Water | OC Pesticides | 1 litre + spiking conc. | 2021/2/16 | ¥66,000 | ¥11,000 |
| DWC1021 | Drinking Water | OC Pesticides | 1 litre + spiking conc. | 2021/4/27 | ¥68,000 | ¥11,000 |
| DWC1022 | Drinking Water | OC Pesticides | 1 litre + spiking conc. | 2021/7/6 | ¥68,000 | ¥11,000 |
| DWC1023 | Drinking Water | OC Pesticides | 1 litre + spiking conc. | 2021/10/5 | ¥68,000 | ¥11,000 |
| DWC1024 | Drinking Water | OC Pesticides | 1 litre + spiking conc. | 2022/2/15 | ¥68,000 | ¥11,000 |

OP Pesticides

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|---------------|-------------------------|-----------|---------|---------|
| DWC0820 | Drinking Water | OP Pesticides | 1 litre + spiking conc. | 2021/2/23 | ¥66,000 | ¥11,000 |
| DWC0821 | Drinking Water | OP Pesticides | 1 litre + spiking conc. | 2021/5/25 | ¥68,000 | ¥11,000 |
| DWC0822 | Drinking Water | OP Pesticides | 1 litre + spiking conc. | 2021/8/3 | ¥68,000 | ¥11,000 |
| DWC0823 | Drinking Water | OP Pesticides | 1 litre + spiking conc. | 2021/11/9 | ¥68,000 | ¥11,000 |
| DWC0824 | Drinking Water | OP Pesticides | 1 litre + spiking conc. | 2022/2/22 | ¥68,000 | ¥11,000 |

Perchlorate

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------------------------------------|-------------|------|-----------|---------|---------|
| DWC2004 | Drinking Water (Standard Concentrate) | Perchlorate | 2 ml | 2021/3/16 | ¥43,000 | ¥16,000 |
| DWC2005 | Drinking Water (Standard Concentrate) | Perchlorate | 2 ml | 2021/9/28 | ¥43,000 | ¥17,000 |
| DWC2006 | Drinking Water (Standard Concentrate) | Perchlorate | 2 ml | 2022/3/15 | ¥43,000 | ¥17,000 |

Polycyclic Aromatic Hydrocarbons (PAHs)

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|----------------------------------|-------------------------|-----------|---------|---------|
| DWC0720 | Drinking Water | Polycyclic Aromatic Hydrocarbons | 1 litre + spiking conc. | 2021/2/23 | ¥66,000 | ¥11,000 |
| DWC0721 | Drinking Water | Polycyclic Aromatic Hydrocarbons | 1 litre + spiking conc. | 2021/5/25 | ¥68,000 | ¥11,000 |
| DWC0722 | Drinking Water | Polycyclic Aromatic Hydrocarbons | 1 litre + spiking conc. | 2021/8/3 | ¥68,000 | ¥11,000 |
| DWC0723 | Drinking Water | Polycyclic Aromatic Hydrocarbons | 1 litre + spiking conc. | 2021/11/9 | ¥68,000 | ¥11,000 |
| DWC0724 | Drinking Water | Polycyclic Aromatic Hydrocarbons | 1 litre + spiking conc. | 2022/2/22 | ¥68,000 | ¥11,000 |

Routine Components

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|--------------------|-------------------|------------|---------|---------|
| DWC0229 | Drinking Water | Routine Components | 1 litre + spiking | 2021/1/26 | ¥44,000 | ¥11,000 |
| DWC0230 | Drinking Water | Routine Components | 1 litre + spiking | 2021/3/16 | ¥44,000 | ¥11,000 |
| DWC0231 | Drinking Water | Routine Components | 1 litre + spiking | 2021/5/18 | ¥45,000 | ¥11,000 |
| DWC0232 | Drinking Water | Routine Components | 1 litre + spiking | 2021/7/27 | ¥45,000 | ¥11,000 |
| DWC0233 | Drinking Water | Routine Components | 1 litre + spiking | 2021/9/28 | ¥45,000 | ¥11,000 |
| DWC0234 | Drinking Water | Routine Components | 1 litre + spiking | 2021/11/16 | ¥45,000 | ¥11,000 |
| DWC0235 | Drinking Water | Routine Components | 1 litre + spiking | 2022/1/25 | ¥45,000 | ¥11,000 |
| DWC0236 | Drinking Water | Routine Components | 1 litre + spiking | 2022/3/15 | ¥45,000 | ¥11,000 |

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round, (such as DWC0129 and DWC0229) you will receive only ONE litre of water and ONE spiking concentrate.

Routine Metals

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|----------------|--------|------------|---------|---------|
| DWC0329 | Drinking Water | Routine Metals | 500 ml | 2021/1/26 | ¥56,000 | ¥11,000 |
| DWC0330 | Drinking Water | Routine Metals | 500 ml | 2021/3/16 | ¥56,000 | ¥11,000 |
| DWC0331 | Drinking Water | Routine Metals | 500 ml | 2021/5/18 | ¥57,000 | ¥11,000 |
| DWC0332 | Drinking Water | Routine Metals | 500 ml | 2021/7/27 | ¥57,000 | ¥11,000 |
| DWC0333 | Drinking Water | Routine Metals | 500 ml | 2021/9/28 | ¥57,000 | ¥11,000 |
| DWC0334 | Drinking Water | Routine Metals | 500 ml | 2021/11/16 | ¥57,000 | ¥11,000 |
| DWC0335 | Drinking Water | Routine Metals | 500 ml | 2022/1/25 | ¥57,000 | ¥11,000 |
| DWC0336 | Drinking Water | Routine Metals | 500 ml | 2022/3/15 | ¥57,000 | ¥11,000 |

Taste & Odour Chemical Identification (NOT for organoleptic testing)

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|----------|----------------|---------------------------------------|---------------------|-----------|----------|----------|
| TOCHEM10 | Drinking Water | Taste & Odour Chemical Identification | 2 x 1 litre + blank | 2021/7/15 | ¥153,000 | ¥133,000 |

Total Cyanide

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------------------------------------|---------------|------|------------|---------|---------|
| DWC1619 | Drinking Water (Standard Concentrate) | Total Cyanide | 3 ml | 2021/3/16 | ¥41,000 | ¥11,000 |
| DWC1620 | Drinking Water (Standard Concentrate) | Total Cyanide | 3 ml | 2021/5/18 | ¥42,000 | ¥11,000 |
| DWC1621 | Drinking Water (Standard Concentrate) | Total Cyanide | 3 ml | 2021/7/27 | ¥42,000 | ¥11,000 |
| DWC1622 | Drinking Water (Standard Concentrate) | Total Cyanide | 3 ml | 2021/11/16 | ¥42,000 | ¥11,000 |
| DWC1623 | Drinking Water (Standard Concentrate) | Total Cyanide | 3 ml | 2022/3/15 | ¥42,000 | ¥11,000 |

Triazines and Urea Herbicides

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|-------------------------------|-------------------------|-----------|---------|---------|
| DWC1510 | Drinking Water | Triazines and Urea Herbicides | 1 litre + spiking conc. | 2021/2/16 | ¥74,000 | ¥11,000 |
| DWC1511 | Drinking Water | Triazines and Urea Herbicides | 1 litre + spiking conc. | 2021/7/6 | ¥76,000 | ¥11,000 |
| DWC1512 | Drinking Water | Triazines and Urea Herbicides | 1 litre + spiking conc. | 2022/2/15 | ¥76,000 | ¥11,000 |

Trihalomethanes / Chlorinated Solvents

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-----------------------------------|--|-------------------------|-----------|---------|---------|
| DWC0620 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | 1 litre + spiking conc. | 2021/2/23 | ¥66,000 | ¥11,000 |
| DWC0621 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | 1 litre + spiking conc. | 2021/5/25 | ¥68,000 | ¥11,000 |
| DWC0622 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | 1 litre + spiking conc. | 2021/8/3 | ¥68,000 | ¥11,000 |
| DWC0623 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | 1 litre + spiking conc. | 2021/11/9 | ¥68,000 | ¥11,000 |
| DWC0624 | Drinking Water (Ultra Pure Water) | Trihalomethanes / Chlorinated Solvents | 1 litre + spiking conc. | 2022/2/22 | ¥68,000 | ¥11,000 |

Uranium

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|------------------------------------|----------|-------|------------|---------|---------|
| DWC2105 | Drinking Water (Standard Solution) | Uranium | 60 ml | 2021/7/27 | ¥42,000 | ¥11,000 |
| DWC2106 | Drinking Water (Standard Solution) | Uranium | 60 ml | 2021/11/16 | ¥42,000 | ¥11,000 |

HIGH SALINITY WATER

Complex Nutrients

| Item Code | Matrix | Analytes | Product Code | Approx. Size | Start Date | Fee (GBP) |
|-----------|---------------------|-------------------|--------------|--------------|------------|-----------|
| HS0112 | High Salinity Water | Complex Nutrients | 500 ml | 2021/6/8 | ¥64,000 | ¥20,000 |
| HS0113 | High Salinity Water | Complex Nutrients | 500 ml | 2021/11/30 | ¥64,000 | ¥20,000 |

Minerals

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------|----------|--------|------------|---------|---------|
| HS0312 | High Salinity Water | Minerals | 500 ml | 2021/6/8 | ¥72,000 | ¥30,000 |
| HS0313 | High Salinity Water | Minerals | 500 ml | 2021/11/30 | ¥72,000 | ¥30,000 |

Simple Nutrients

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------|------------------|--------|------------|---------|---------|
| HS0212 | High Salinity Water | Simple Nutrients | 500 ml | 2021/6/8 | ¥64,000 | ¥20,000 |
| HS0213 | High Salinity Water | Simple Nutrients | 500 ml | 2021/11/30 | ¥64,000 | ¥20,000 |

Trace Metals 3

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------|----------------|--------|------------|---------|---------|
| HS0412 | High Salinity Water | Trace Metals 3 | 500 ml | 2021/6/8 | ¥64,000 | ¥20,000 |
| HS0413 | High Salinity Water | Trace Metals 3 | 500 ml | 2021/11/30 | ¥64,000 | ¥20,000 |

Trace Metals 4

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------|----------------|--------|------------|---------|---------|
| HS0512 | High Salinity Water | Trace Metals 4 | 500 ml | 2021/6/8 | ¥64,000 | ¥20,000 |
| HS0513 | High Salinity Water | Trace Metals 4 | 500 ml | 2021/11/30 | ¥64,000 | ¥20,000 |

SURFACE WATER

Major Inorganic Compounds

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------|----------------------------|-------------------------|-----------|---------|---------|
| SW0111 | Surface Water | Major Inorganic Components | 1 litre + spiking conc. | 2021/2/2 | ¥44,000 | ¥11,000 |
| SW0112 | Surface Water | Major Inorganic Components | 1 litre + spiking conc. | 2021/6/22 | ¥44,000 | ¥11,000 |
| SW0113 | Surface Water | Major Inorganic Components | 1 litre + spiking conc. | 2022/2/1 | ¥44,000 | ¥11,000 |

Note: If you purchase the major inorganic components sample and the corresponding routine component sample in the same round,(such as SW0111 and SW0211) you will receive only ONE litre of water and ONE spiking concentrate.

Metals

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------|----------|-----------------------|-----------|---------|---------|
| SW0311 | Surface Water | Metals | 500 ml + Standard Sol | 2021/2/2 | ¥65,000 | ¥11,000 |
| SW0312 | Surface Water | Metals | 500 ml + Standard Sol | 2021/6/22 | ¥66,000 | ¥11,000 |
| SW0313 | Surface Water | Metals | 500 ml + Standard Sol | 2022/2/1 | ¥66,000 | ¥11,000 |

Routine Components

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------|--------------------|-------------------------------|-----------|---------|---------|
| SW0211 | Surface Water | Routine Components | 1 litre + spiking conc. | 2021/2/2 | ¥44,000 | ¥11,000 |
| SW0212 | Surface Water | Routine Components | 1 litre + spiking conc. | 2021/6/22 | ¥44,000 | ¥11,000 |
| SW0213 | Surface Water | Routine Components | 1 litre + spiking conc. | 2022/2/1 | ¥44,000 | ¥11,000 |

See note above for purchases of routine components and major inorganic components in the same round.

Toxic Metals

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------|--------------|------------------------------|-----------|---------|---------|
| SW0411 | Surface Water | Toxic Metals | 500 ml + spiking conc. | 2021/2/2 | ¥71,000 | ¥11,000 |
| SW0412 | Surface Water | Toxic Metals | 500 ml + spiking conc. | 2021/6/22 | ¥73,000 | ¥11,000 |
| SW0413 | Surface Water | Toxic Metals | 500 ml + spiking conc. | 2022/2/1 | ¥73,000 | ¥11,000 |

WASTE WATER

Anions

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|--|----------|-------|------------|---------|---------|
| WW0928 | Waste Water (Standard Concentrate) | Anions | 20 ml | 2021/2/9 | ¥38,000 | ¥17,000 |
| WW0929 | Waste Water (Standard Concentrate) | Anions | 20 ml | 2021/4/21 | ¥38,000 | ¥17,000 |
| WW0930 | Waste Water (Standard Concentrate) | Anions | 20 ml | 2021/6/15 | ¥38,000 | ¥17,000 |
| WW0931 | Waste Water (Standard Concentrate) | Anions | 20 ml | 2021/8/10 | ¥38,000 | ¥17,000 |
| WW0932 | Waste Water (Standard Concentrate) | Anions | 20 ml | 2021/10/12 | ¥38,000 | ¥17,000 |
| WW0933 | Waste Water (Standard Concentrate) | Anions | 20 ml | 2021/12/7 | ¥38,000 | ¥17,000 |
| WW0934 | Waste Water (Standard Concentrate) | Anions | 20 ml | 2022/2/9 | ¥38,000 | ¥17,000 |

Dissolved Oxygen

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|--|------------------|------|------------|---------|---------|
| WW1428 | Waste Water (Standard Concentrate) | Dissolved Oxygen | 2 ml | 2021/2/9 | ¥42,000 | ¥17,000 |
| WW1429 | Waste Water (Standard Concentrate) | Dissolved Oxygen | 2 ml | 2021/4/21 | ¥43,000 | ¥17,000 |
| WW1430 | Waste Water (Standard Concentrate) | Dissolved Oxygen | 2 ml | 2021/6/15 | ¥43,000 | ¥17,000 |
| WW1431 | Waste Water (Standard Concentrate) | Dissolved Oxygen | 2 ml | 2021/8/10 | ¥43,000 | ¥17,000 |
| WW1432 | Waste Water (Standard Concentrate) | Dissolved Oxygen | 2 ml | 2021/10/12 | ¥43,000 | ¥17,000 |
| WW1433 | Waste Water (Standard Concentrate) | Dissolved Oxygen | 2 ml | 2021/12/7 | ¥43,000 | ¥17,000 |
| WW1434 | Waste Water (Standard Concentrate) | Dissolved Oxygen | 2 ml | 2022/2/9 | ¥43,000 | ¥17,000 |

Hexavalent Chromium

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|--|---------------------|-------|------------|---------|---------|
| WW0728 | Waste Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/2/9 | ¥38,000 | ¥17,000 |
| WW0729 | Waste Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/4/21 | ¥39,000 | ¥17,000 |
| WW0730 | Waste Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/6/15 | ¥39,000 | ¥17,000 |
| WW0731 | Waste Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/8/10 | ¥39,000 | ¥17,000 |
| WW0732 | Waste Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/10/12 | ¥39,000 | ¥17,000 |
| WW0733 | Waste Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2021/12/7 | ¥39,000 | ¥17,000 |
| WW0734 | Waste Water (Standard Concentrate) | Hexavalent Chromium | 20 ml | 2022/2/9 | ¥39,000 | ¥17,000 |

Minerals

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|----------|-----------|------------|---------|---------|
| WW0828 | Waste Water (Standard Concentrate) | Minerals | 2 x 20 ml | 2021/2/9 | ¥37,000 | ¥14,000 |
| WW0829 | Waste Water (Standard Concentrate) | Minerals | 2 x 20 ml | 2021/4/21 | ¥37,000 | ¥15,000 |
| WW0830 | Waste Water (Standard Concentrate) | Minerals | 2 x 20 ml | 2021/6/15 | ¥37,000 | ¥15,000 |
| WW0831 | Waste Water (Standard Concentrate) | Minerals | 2 x 20 ml | 2021/8/10 | ¥37,000 | ¥15,000 |
| WW0832 | Waste Water (Standard Concentrate) | Minerals | 2 x 20 ml | 2021/10/12 | ¥37,000 | ¥15,000 |
| WW0833 | Waste Water (Standard Concentrate) | Minerals | 2 x 20 ml | 2021/12/7 | ¥37,000 | ¥15,000 |
| WW0834 | Waste Water (Standard Concentrate) | Minerals | 2 x 20 ml | 2022/2/9 | ¥37,000 | ¥15,000 |

Nutrients

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|-----------|-----------|------------|---------|---------|
| WW0328 | Waste Water (Standard Concentrate) | Nutrients | 4 x 60 ml | 2021/2/9 | ¥44,000 | ¥17,000 |
| WW0329 | Waste Water (Standard Concentrate) | Nutrients | 4 x 60 ml | 2021/4/21 | ¥45,000 | ¥17,000 |
| WW0330 | Waste Water (Standard Concentrate) | Nutrients | 4 x 60 ml | 2021/6/15 | ¥45,000 | ¥17,000 |
| WW0331 | Waste Water (Standard Concentrate) | Nutrients | 4 x 60 ml | 2021/8/10 | ¥45,000 | ¥17,000 |
| WW0332 | Waste Water (Standard Concentrate) | Nutrients | 4 x 60 ml | 2021/10/12 | ¥45,000 | ¥17,000 |
| WW0333 | Waste Water (Standard Concentrate) | Nutrients | 4 x 60 ml | 2021/12/7 | ¥45,000 | ¥17,000 |
| WW0334 | Waste Water (Standard Concentrate) | Nutrients | 4 x 60 ml | 2022/2/9 | ¥45,000 | ¥17,000 |

Oil & Grease

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|--------------|------|------------|---------|---------|
| WW1028 | Waste Water (Standard Concentrate) | Oil & Grease | 2 ml | 2021/2/9 | ¥35,000 | ¥14,000 |
| WW1029 | Waste Water (Standard Concentrate) | Oil & Grease | 2 ml | 2021/4/21 | ¥36,000 | ¥15,000 |
| WW1030 | Waste Water (Standard Concentrate) | Oil & Grease | 2 ml | 2021/6/15 | ¥36,000 | ¥15,000 |
| WW1031 | Waste Water (Standard Concentrate) | Oil & Grease | 2 ml | 2021/8/10 | ¥36,000 | ¥15,000 |
| WW1032 | Waste Water (Standard Concentrate) | Oil & Grease | 2 ml | 2021/10/12 | ¥36,000 | ¥15,000 |
| WW1033 | Waste Water (Standard Concentrate) | Oil & Grease | 2 ml | 2021/12/7 | ¥36,000 | ¥15,000 |
| WW1034 | Waste Water (Standard Concentrate) | Oil & Grease | 2 ml | 2022/2/9 | ¥36,000 | ¥15,000 |

Oxygen Demand

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|---------------|-------|------------|---------|---------|
| WW0128 | Waste Water (Standard Concentrate) | Oxygen Demand | 20 ml | 2021/2/9 | ¥40,000 | ¥17,000 |
| WW0129 | Waste Water (Standard Concentrate) | Oxygen Demand | 20 ml | 2021/4/21 | ¥40,000 | ¥17,000 |
| WW0130 | Waste Water (Standard Concentrate) | Oxygen Demand | 20 ml | 2021/6/15 | ¥40,000 | ¥17,000 |
| WW0131 | Waste Water (Standard Concentrate) | Oxygen Demand | 20 ml | 2021/8/10 | ¥40,000 | ¥17,000 |
| WW0132 | Waste Water (Standard Concentrate) | Oxygen Demand | 20 ml | 2021/10/12 | ¥40,000 | ¥17,000 |
| WW0133 | Waste Water (Standard Concentrate) | Oxygen Demand | 20 ml | 2021/12/7 | ¥40,000 | ¥17,000 |
| WW0134 | Waste Water (Standard Concentrate) | Oxygen Demand | 20 ml | 2022/2/9 | ¥40,000 | ¥17,000 |

pH & Electrical Conductivity

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|------------------------------------|------------------------------|------------|------------|---------|---------|
| WW0428 | Waste Water (Standard Solution) | pH & Electrical Conductivity | 2 x 125 ml | 2021/2/9 | ¥41,000 | ¥17,000 |
| WW0429 | Waste Water (Standard Solution) | pH & Electrical Conductivity | 2 x 125 ml | 2021/4/21 | ¥41,000 | ¥17,000 |
| WW0430 | Waste Water (Standard Solution) | pH & Electrical Conductivity | 2 x 125 ml | 2021/6/15 | ¥41,000 | ¥17,000 |
| WW0431 | Waste Water (Standard Solution) | pH & Electrical Conductivity | 2 x 125 ml | 2021/8/10 | ¥41,000 | ¥17,000 |
| WW0432 | Waste Water (Standard Solution) | pH & Electrical Conductivity | 2 x 125 ml | 2021/10/12 | ¥41,000 | ¥17,000 |
| WW0433 | Waste Water (Standard Solution) | pH & Electrical Conductivity | 2 x 125 ml | 2021/12/7 | ¥41,000 | ¥17,000 |
| WW0434 | Waste Water (Standard Solution) | pH & Electrical Conductivity | 2 x 125 ml | 2022/2/9 | ¥41,000 | ¥17,000 |

Phthalates

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|----------------------------|------|-----------|---------|---------|
| WW1607 | Waste Water (Standard Concentrate) | Phthalates (Environmental) | 2 ml | 2021/6/15 | ¥45,000 | ¥17,000 |
| WW1608 | Waste Water (Standard Concentrate) | Phthalates (Environmental) | 2 ml | 2021/12/7 | ¥45,000 | ¥17,000 |

Residues

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|------------------------------------|----------|--------|------------|---------|---------|
| WW0228 | Waste Water (Standard Solution) | Residues | 500 ml | 2021/2/9 | ¥42,000 | ¥17,000 |
| WW0229 | Waste Water (Standard Solution) | Residues | 500 ml | 2021/4/21 | ¥43,000 | ¥17,000 |
| WW0230 | Waste Water (Standard Solution) | Residues | 500 ml | 2021/6/15 | ¥43,000 | ¥17,000 |
| WW0231 | Waste Water (Standard Solution) | Residues | 500 ml | 2021/8/10 | ¥43,000 | ¥17,000 |
| WW0232 | Waste Water (Standard Solution) | Residues | 500 ml | 2021/10/12 | ¥43,000 | ¥17,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|------------------------------------|----------|--------|-----------|---------|---------|
| WW0233 | Waste Water (Standard Solution) | Residues | 500 ml | 2021/12/7 | ¥43,000 | ¥17,000 |
| WW0234 | Waste Water (Standard Solution) | Residues | 500 ml | 2022/2/9 | ¥43,000 | ¥17,000 |

Settleable Solids

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|------------------------------------|-------------------|------|------------|---------|---------|
| WW1328 | Waste Water (requires dilution) | Settleable Solids | 25 g | 2021/2/9 | ¥44,000 | ¥17,000 |
| WW1329 | Waste Water (requires dilution) | Settleable Solids | 25 g | 2021/4/21 | ¥45,000 | ¥17,000 |
| WW1330 | Waste Water (requires dilution) | Settleable Solids | 25 g | 2021/6/15 | ¥45,000 | ¥17,000 |
| WW1331 | Waste Water (requires dilution) | Settleable Solids | 25 g | 2021/8/10 | ¥45,000 | ¥17,000 |
| WW1332 | Waste Water (requires dilution) | Settleable Solids | 25 g | 2021/10/12 | ¥45,000 | ¥17,000 |
| WW1333 | Waste Water (requires dilution) | Settleable Solids | 25 g | 2021/12/7 | ¥45,000 | ¥17,000 |
| WW1334 | Waste Water (requires dilution) | Settleable Solids | 25 g | 2022/2/9 | ¥45,000 | ¥17,000 |

Total Cyanide

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|---------------|------|------------|---------|---------|
| WW1128 | Waste Water (Standard Concentrate) | Total Cyanide | 2 ml | 2021/2/9 | ¥40,000 | ¥17,000 |
| WW1129 | Waste Water (Standard Concentrate) | Total Cyanide | 2 ml | 2021/4/21 | ¥40,000 | ¥17,000 |
| WW1130 | Waste Water (Standard Concentrate) | Total Cyanide | 2 ml | 2021/6/15 | ¥40,000 | ¥17,000 |
| WW1131 | Waste Water (Standard Concentrate) | Total Cyanide | 2 ml | 2021/8/10 | ¥40,000 | ¥17,000 |
| WW1132 | Waste Water (Standard Concentrate) | Total Cyanide | 2 ml | 2021/10/12 | ¥40,000 | ¥17,000 |
| WW1133 | Waste Water (Standard Concentrate) | Total Cyanide | 2 ml | 2021/12/7 | ¥40,000 | ¥17,000 |
| WW1134 | Waste Water (Standard Concentrate) | Total Cyanide | 2 ml | 2022/2/9 | ¥40,000 | ¥17,000 |

Total Sulphide

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|----------------|-------|------------|---------|---------|
| WW1228 | Waste Water (Standard Concentrate) | Total Sulphide | 20 ml | 2021/2/9 | ¥44,000 | ¥17,000 |
| WW1229 | Waste Water (Standard Concentrate) | Total Sulphide | 20 ml | 2021/4/21 | ¥45,000 | ¥17,000 |
| WW1230 | Waste Water (Standard Concentrate) | Total Sulphide | 20 ml | 2021/6/15 | ¥45,000 | ¥17,000 |
| WW1231 | Waste Water (Standard Concentrate) | Total Sulphide | 20 ml | 2021/8/10 | ¥45,000 | ¥17,000 |
| WW1232 | Waste Water (Standard Concentrate) | Total Sulphide | 20 ml | 2021/10/12 | ¥45,000 | ¥17,000 |
| WW1233 | Waste Water (Standard Concentrate) | Total Sulphide | 20 ml | 2021/12/7 | ¥45,000 | ¥17,000 |
| WW1234 | Waste Water (Standard Concentrate) | Total Sulphide | 20 ml | 2022/2/9 | ¥45,000 | ¥17,000 |

Trace Metals 1

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|----------------|-------|------------|---------|---------|
| WW0528 | Waste Water (Standard Concentrate) | Trace Metals 1 | 20 ml | 2021/2/9 | ¥47,000 | ¥17,000 |
| WW0529 | Waste Water (Standard Concentrate) | Trace Metals 1 | 20 ml | 2021/4/21 | ¥48,000 | ¥17,000 |
| WW0530 | Waste Water (Standard Concentrate) | Trace Metals 1 | 20 ml | 2021/6/15 | ¥48,000 | ¥17,000 |
| WW0531 | Waste Water (Standard Concentrate) | Trace Metals 1 | 20 ml | 2021/8/10 | ¥48,000 | ¥17,000 |
| WW0532 | Waste Water (Standard Concentrate) | Trace Metals 1 | 20 ml | 2021/10/12 | ¥48,000 | ¥17,000 |
| WW0533 | Waste Water (Standard Concentrate) | Trace Metals 1 | 20 ml | 2021/12/7 | ¥48,000 | ¥17,000 |
| WW0534 | Waste Water (Standard Concentrate) | Trace Metals 1 | 20 ml | 2022/2/9 | ¥48,000 | ¥17,000 |

Trace Metals 2

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|----------------|-------|------------|---------|---------|
| WW0628 | Waste Water (Standard Concentrate) | Trace Metals 2 | 20 ml | 2021/2/9 | ¥46,000 | ¥17,000 |
| WW0629 | Waste Water (Standard Concentrate) | Trace Metals 2 | 20 ml | 2021/4/21 | ¥47,000 | ¥17,000 |
| WW0630 | Waste Water (Standard Concentrate) | Trace Metals 2 | 20 ml | 2021/6/15 | ¥47,000 | ¥17,000 |
| WW0631 | Waste Water (Standard Concentrate) | Trace Metals 2 | 20 ml | 2021/8/10 | ¥47,000 | ¥17,000 |
| WW0632 | Waste Water (Standard Concentrate) | Trace Metals 2 | 20 ml | 2021/10/12 | ¥47,000 | ¥17,000 |
| WW0633 | Waste Water (Standard Concentrate) | Trace Metals 2 | 20 ml | 2021/12/7 | ¥47,000 | ¥17,000 |
| WW0634 | Waste Water (Standard Concentrate) | Trace Metals 2 | 20 ml | 2022/2/9 | ¥47,000 | ¥17,000 |

VOCs

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|---------------------------------------|----------|------|------------|---------|---------|
| WW1528 | Waste Water (Standard Concentrate) | VOC | 2 ml | 2021/2/9 | ¥44,000 | ¥17,000 |
| WW1529 | Waste Water (Standard Concentrate) | VOC | 2 ml | 2021/4/21 | ¥45,000 | ¥17,000 |
| WW1530 | Waste Water (Standard Concentrate) | VOC | 2 ml | 2021/6/15 | ¥45,000 | ¥17,000 |
| WW1531 | Waste Water (Standard Concentrate) | VOC | 2 ml | 2021/8/10 | ¥45,000 | ¥17,000 |
| WW1532 | Waste Water (Standard Concentrate) | VOC | 2 ml | 2021/10/12 | ¥45,000 | ¥17,000 |
| WW1533 | Waste Water (Standard Concentrate) | VOC | 2 ml | 2021/12/7 | ¥45,000 | ¥17,000 |
| WW1534 | Waste Water (Standard Concentrate) | VOC | 2 ml | 2022/2/9 | ¥45,000 | ¥17,000 |

WATER & ENVIRONMENTAL CHEMISTRY PROFICIENCY TESTS - APPROXIMATE CONCENTRATION RANGES

DRINKING WATER

Acid Herbicides (group 9)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|-------------|---------------|-------|
| FWAH1-DRW1 | Drinking Water | MCPA | 0.01 - 0.15 | µg/l |
| | | MCPB | 0.01 - 0.15 | µg/l |
| | | 2,4-D | 0.01 - 0.15 | µg/l |
| | | dichlorprop | 0.01 - 0.15 | µg/l |
| | | dicamba, | 0.01 - 0.15 | µg/l |
| | | 2,4-DB | 0.01 - 0.15 | µg/l |
| | | bentazone | 0.01 - 0.15 | µg/l |
| | | mecoprop | 0.01 - 0.15 | µg/l |
| | | propyzamide | 0.01 - 0.15 | µg/l |
| | | ioxynil | 0.01 - 0.15 | µg/l |
| | | bromoxynil | 0.01 - 0.15 | µg/l |
| | | triclopyr | 0.01 - 0.15 | µg/l |
| | | clopyralid | 0.01 - 0.15 | µg/l |
| | | fluroxypyr | 0.01 - 0.15 | µg/l |
| | | 2,3,6-TBA | 0.01 - 0.15 | µg/l |
| | | 2,4,5-T | 0.01 - 0.15 | µg/l |
| | | dichlobenil | 0.01 - 0.15 | µg/l |
| | | bromacil | 0.01 - 0.15 | µg/l |
| metazachlor | 0.01 - 0.15 | µg/l | | |
| propachlor | 0.01 - 0.15 | µg/l | | |
| benazolin | 0.01 - 0.15 | µg/l | | |
| metaldehyde | 0.01 - 0.15 | µg/l | | |

BTEX (group 11)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|--------------|---------------|-------|
| FWBT1-DRW1 | Drinking Water | benzene | 0.1 - 1.5 | µg/l |
| | | toluene | 0.2 - 4.0 | µg/l |
| | | ethylbenzene | 0.2 - 4.0 | µg/l |
| | | styrene | 0.2 - 4.0 | µg/l |
| | | o-xylene | 0.2 - 4.0 | µg/l |
| | | m-xylene | 0.2 - 4.0 | µg/l |
| | | p-xylene | 0.2 - 4.0 | µg/l |
| | | m+p xylene | 0.2 - 8.0 | µg/l |
| | | total xylene | 0.5 - 12.0 | µg/l |

Chlorine (group 12)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|------------------|---------------|-------|
| FWCH1-DRW1 | Standard concentrate | chlorine (total) | 0.5 - 3.0 | mg/l |
| | | chlorine (free) | 0.5 - 3.0 | mg/l |

Emergency contamination incident (no group)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|------------------------|---------------|---------|
| FWEM1-DRW1 | Drinking Water | not set - blind sample | not set | not set |

Fluorosurfactants (PFOS & PFOA, group 19)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|-------------------------------|---------------|-------|
| FWFL1-DRW1 | Standard concentrate | perfluorooctane sulfonic acid | 0.2 - 5.0 | µg/l |
| | | perfluorooctanoic acid PFOA | 0.2 - 10.0 | µg/l |

Haloacetic Acids (group 17)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|-----------------------------|---------------|-------|
| FWHA1-DRW1 | Drinking Water | monochloroacetic acid (MCA) | 5.0 - 50.0 | µg/l |
| | | dichloroacetic acid (DCA) | 5.0 - 50.0 | µg/l |
| | | trichloroacetic acid (TCA) | 5.0 - 50.0 | µg/l |
| | | monobromoacetic acid (MBA) | 5.0 - 50.0 | µg/l |
| | | dibromoacetic acid (DBA) | 5.0 - 50.0 | µg/l |

Hexavalent Chromium (group 18)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|---------------------|---------------|-------|
| FWHC1-DRW1 | Standard concentrate | hexavalent chromium | 5.0 - 50.0 | µg/l |

Inorganic Disinfection By-products (group 5)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------------------------------|----------|---------------|-------|
| FWID1-DRW1 | Standard Solution in ultra pure water | bromide | 5.0 - 200 | µg/l |
| | | bromate | 1.0 - 20.0 | µg/l |
| | | chlorite | 1.0 - 100 | µg/l |
| | | chlorate | 1.0 - 1000 | µg/l |

Major Inorganic Components (group 1)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|-----------------------------|---------------|-------|
| FWIC1-DRW1 | Drinking Water | sodium | 5.0 - 50.0 | mg/l |
| | | potassium | 0.3 - 3.0 | mg/l |
| | | chloride | 6.0 - 50.0 | mg/l |
| | | calcium | 10.0 - 150 | mg/l |
| | | magnesium | 1.0 - 15.0 | mg/l |
| | | alkalinity HCO ₃ | 30.0 - 300 | mg/l |
| | | total hardness Ca | 30.0 - 130 | mg/l |
| | | total phosphorus P | 100 - 3000 | µg/l |
| | | fluoride | 150 - 1800 | µg/l |
| | | sulphate | 8.0 - 100 | mg/l |

Non-Routine Metals (group 4)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|------------|---------------|-------|
| FWNM1-DRW1 | Drinking Water | mercury | 0.1 - 2.0 | µg/l |
| | | barium | 100 - 1000 | µg/l |
| | | boron | 200 - 1500 | µg/l |
| | | arsenic | 1.0 - 15.0 | µg/l |
| | | selenium | 1.0 - 15.0 | µg/l |
| | | antimony | 0.5 - 7.5 | µg/l |
| | | silver | 1.0 - 20.0 | µg/l |
| | | strontium | 50.0 - 500 | µg/l |
| | | lithium | 10.0 - 100 | µg/l |
| | | cobalt | 3.0 - 30.0 | µg/l |
| | | vanadium | 3.0 - 30.0 | µg/l |
| | | molybdenum | 3.0 - 30.0 | µg/l |
| | | tin | 3.0 - 100 | µg/l |
| | | beryllium | 3.0 - 10.0 | µg/l |

OC Pesticides (group 10)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|---------------|----------------|-------------------------------|---------------|-------|
| FWOC1-DRW1 | Drinking Water | endrin | 0.01 - 0.15 | µg/l |
| | | dieldrin | 0.006 - 0.05 | µg/l |
| | | aldrin | 0.006 - 0.05 | µg/l |
| | | p,p' DDT | 0.01 - 0.15 | µg/l |
| | | o,p'-DDT | 0.01 - 0.15 | µg/l |
| | | p,p'-DDE | 0.01 - 0.15 | µg/l |
| | | o,p'-DDE | 0.01 - 0.15 | µg/l |
| | | p,p'-DDD | 0.01 - 0.15 | µg/l |
| | | o,p'-DDD (TDE) | 0.01 - 0.15 | µg/l |
| | | hexachlorocyclohexane | 0.01 - 0.15 | µg/l |
| | | hexachlorocyclohexane (beta) | 0.01 - 0.15 | µg/l |
| | | hexachlorocyclohexane (delta) | 0.01 - 0.15 | µg/l |
| | | lindane (gamma HCH) | 0.01 - 0.15 | µg/l |
| | | trifluralin | 0.01 - 0.15 | µg/l |
| | | alpha endosulphan | 0.01 - 0.15 | µg/l |
| | | beta endosulphan | 0.01 - 0.15 | µg/l |
| | | hexachlorobenzene | 0.01 - 0.15 | µg/l |
| | | heptachlor | 0.006 - 0.04 | µg/l |
| | | heptachlor epoxide (total) | 0.006 - 0.04 | µg/l |
| | | pentachlorobenzene | 0.01 - 0.15 | µg/l |
| pendimethalin | 0.01 - 0.15 | µg/l | | |

OP Pesticides (group 8)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|------------------|---------------|-------|
| FWOP1-DRW1 | Drinking Water | alachlor | 0.01 - 0.15 | µg/l |
| | | azinphos-ethyl | 0.01 - 0.15 | µg/l |
| | | azinphos-methyl | 0.01 - 0.15 | µg/l |
| | | dichlorvos | 0.01 - 0.15 | µg/l |
| | | fenitrothion | 0.01 - 0.15 | µg/l |
| | | malathion | 0.01 - 0.15 | µg/l |
| | | mevinphos | 0.01 - 0.15 | µg/l |
| | | chlorofenvinphos | 0.01 - 0.15 | µg/l |
| | | chlorpyrifos | 0.01 - 0.15 | µg/l |
| | | diazinon | 0.01 - 0.15 | µg/l |
| | | fenthion | 0.01 - 0.15 | µg/l |
| | | parathion-ethyl | 0.01 - 0.15 | µg/l |
| | | parathion-methyl | 0.01 - 0.15 | µg/l |
| | | cypermethrin | 0.01 - 0.15 | µg/l |
| | | propetamphos | 0.01 - 0.15 | µg/l |

Perchlorates (group 20)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|-------------|---------------|-------|
| FWPE1-DRW1 | Standard concentrate | perchlorate | 4.0 - 20.0 | µg/l |

Polycyclic Aromatic Hydrocarbons (PAHs group 7)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|--------------------------|---------------|-------|
| FWPC1-DRW1 | Drinking Water | anthracene | 0.005 – 0.05 | µg/l |
| | | fluoranthene | 0.01 – 0.10 | µg/l |
| | | benzo (b) fluoranthene | 0.003 – 0.05 | µg/l |
| | | benzo (k) fluoranthene | 0.003 – 0.05 | µg/l |
| | | naphthalene | 0.005 – 0.05 | µg/l |
| | | benzo (a) pyrene | 0.002 – 0.02 | µg/l |
| | | benzo (ghi) perylene | 0.01 – 0.07 | µg/l |
| | | indeno (1,2,3-cd) pyrene | 0.01 – 0.07 | µg/l |

Routine Components (group 2)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|--------------------------|---------------|----------|
| FWRC1-DRW1 | Drinking Water | nitrite NO ₂ | 0.02 - 0.60 | mg/l |
| | | nitrate NO ₃ | 2.0 - 60.0 | mg/l |
| | | ammonium NH ₄ | 0.1 - 0.60 | mg/l |
| | | TOC | 0.2 - 5.0 | mg/l |
| | | PI | 0.2 - 5.0 | mg/l |
| | | colour (filtered) | 0.2 - 20.0 | HAZEN |
| | | SR phosphate | 10.0 - 1500 | µg/l |
| | | pH | 6.0 - 10.0 | pH units |
| | | turbidity | 0.05 - 4.0 | NTU |
| | | conductivity @ 20°C | 100 - 600 | µS/cm |

Routine Metals (group 3)

| Product Code | Matrix | Analytes | Approx. | Units |
|--------------|----------------|-----------|-------------|-------|
| FWRM1-DRW1 | Drinking Water | cadmium | 0.5 - 7.0 | µg/l |
| | | lead | 0.5 - 20.0 | µg/l |
| | | iron | 20.0 - 400 | µg/l |
| | | manganese | 10.0 - 75.0 | µg/l |
| | | aluminium | 20.0 - 300 | µg/l |
| | | copper | 50.0 - 2000 | µg/l |
| | | zinc | 50.0 - 500 | µg/l |
| | | nickel | 5.0 - 30.0 | µg/l |
| | | chromium | 5.0 - 50.0 | µg/l |

Taste & Odour Chemical Identification (no group)

| Product Code | Matrix | Analytes | Approx. | Units |
|--------------|----------------|------------------------|---------|---------|
| FWTO1-DRW1 | Drinking Water | not set - blind sample | not set | not set |

Total Cyanide (group 16)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|---------------|---------------|-------|
| FWTC1-DRW1 | Standard Concentrate | total cyanide | 0.01 - 0.10 | mg/l |

Triazines and Urea Herbicides (group 15)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|--------------------|---------------|-------|
| FWTU1-DRW1 | Drinking Water | isoproturon | 0.01 - 0.15 | µg/l |
| | | diuron | 0.01 - 0.15 | µg/l |
| | | linuron | 0.01 - 0.15 | µg/l |
| | | chlortoluron | 0.01 - 0.15 | µg/l |
| | | monuron | 0.01 - 0.15 | µg/l |
| | | methabenzthiazuron | 0.01 - 0.15 | µg/l |
| | | diflufenican | 0.01 - 0.15 | µg/l |
| | | metamitron | 0.01 - 0.15 | µg/l |
| | | simazine | 0.01 - 0.15 | µg/l |
| | | atrazine | 0.01 - 0.15 | µg/l |
| | | propazine | 0.01 - 0.15 | µg/l |
| | | cyanazine | 0.01 - 0.15 | µg/l |
| | | trietazine | 0.01 - 0.15 | µg/l |
| | | prometryn | 0.01 - 0.15 | µg/l |
| | | terbutryn | 0.01 - 0.15 | µg/l |
| | | ametryn | 0.01 - 0.15 | µg/l |
| | | carbetamide | 0.01 - 0.15 | µg/l |
| | | pirimicarb | 0.01 - 0.15 | µg/l |

Trihalomethanes / Chlorinated Solvents (group 6)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------|------------------------|---------------|-------|
| FWTR1-DRW1 | Drinking Water | chloroform | 2.0 - 100 | µg/l |
| | | dichloromethane | 2.0 - 40.0 | µg/l |
| | | bromodichloromethane | 2.0 - 50.0 | µg/l |
| | | dibromochloromethane | 2.0 - 50.0 | µg/l |
| | | bromoform | 2.0 - 50.0 | µg/l |
| | | trichloroethene | 0.5 - 10.0 | µg/l |
| | | tetrachloroethene | 0.5 - 10.0 | µg/l |
| | | carbon tetrachloride | 0.5 - 4.0 | µg/l |
| | | 1,2-dichloroethane | 0.5 - 4.0 | µg/l |
| | | 1,2,3-trichlorobenzene | 0.1 - 2.0 | µg/l |
| | | 1,2,4-trichlorobenzene | 0.1 - 2.0 | µg/l |
| | | 1,3,5-trichlorobenzene | 0.1 - 2.0 | µg/l |
| | | hexachlorobutadiene | 0.01 - 0.15 | µg/l |
| | | 1,1,1-trichloroethane | 0.1 - 2.0 | µg/l |

Uranium (group 21)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|-------------------|----------|---------------|-------|
| FWUR1-DRW1 | Standard solution | uranium | 10.0 - 100 | µg/l |

HIGH SALINITY WATER**Complex Nutrients (group 1)**

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------------|---------------------------------|---------------|-------|
| FWCN1-HSW1 | High Salinity Water | Kjeldahl nitrogen (total) (TKN) | 1.5 - 35.0 | mg/l |
| | | nitrogen (total) | 1.5 - 35.0 | mg/l |
| | | phosphorus (total) | 0.5 - 10.0 | mg/l |

Minerals (group 3)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------------|---------------------------------------|----------------|----------|
| FWMI1-HSW1 | High Salinity Water | calcium | 25.0 - 110 | mg/l |
| | | magnesium | 2.0 - 40.0 | mg/l |
| | | potassium | 4.0 - 40.0 | mg/l |
| | | alkalinity as CaCO ₃ | 10.0 - 100,000 | mg/l |
| | | conductivity (25°C) | 0.0 - 100 | mS/cm |
| | | hardness (total) as CaCO ₃ | 8.7 - 275 | mg/l |
| | | pH | 5.0 - 10.0 | pH units |

Simple Nutrients (group 2)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------------|----------------------|---------------|-------|
| FWSN1-HSW1 | High Salinity Water | ammonia as N | 0.65 - 19.0 | mg/l |
| | | nitrate as N | 0.25 - 40.0 | mg/l |
| | | nitrate+nitrite as N | 0.25 - 40.0 | mg/l |
| | | nitrite as N | 0.40 - 4.0 | mg/l |
| | | orthophosphate as P | 0.50 - 5.50 | mg/l |

Trace Metals 3 (group 4)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------------|-----------|---------------|-------|
| FWTM3-HSW1 | High Salinity Water | Aluminium | 0.0 - 10,000 | µg/l |
| | | Arsenic | 0.0 - 10,000 | µg/l |
| | | Beryllium | 0.0 - 10,000 | µg/l |
| | | Cadmium | 0.0 - 10,000 | µg/l |
| | | Chromium | 0.0 - 10,000 | µg/l |
| | | Cobalt | 0.0 - 10,000 | µg/l |
| | | Copper | 0.0 - 10,000 | µg/l |
| | | Iron | 0.0 - 10,000 | µg/l |
| | | Lead | 0.0 - 10,000 | µg/l |
| | | Manganese | 0.0 - 10,000 | µg/l |
| | | Mercury | 0.0 - 10,000 | µg/l |
| | | Nickel | 0.0 - 10,000 | µg/l |
| | | Selenium | 0.0 - 10,000 | µg/l |

Trace Metals 4 (group 5)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------------|------------|---------------|-------|
| FWTM4-HSW1 | High Salinity Water | Antimony | 95.0 - 900 | µg/l |
| | | Barium | 100 - 2500 | µg/l |
| | | Boron | 800 - 2000 | µg/l |
| | | Molybdenum | 60.0 - 600 | µg/l |
| | | Silver | 26.0 - 600 | µg/l |
| | | Strontium | 30.0 - 300 | µg/l |
| | | Thallium | 60.0 - 900 | µg/l |
| | | Tin | 1000 - 5000 | µg/l |
| | | Titanium | 80.0 - 300 | µg/l |

WASTE WATER

Anions (group 9)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|----------|---------------|-------|
| FWAN1-EWW1 | Standard Concentrate | bromide | 1.0 - 10.0 | mg/l |
| | | fluoride | 0.3 - 4.0 | mg/l |

VOC

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|--------------------------------|---------------|-------|
| FWVO1-EWW1 | Standard Concentrate | benzene | 8.0 - 120 | µg/l |
| | | 1,2-dichlorobenzene | 8.0 - 100 | µg/l |
| | | 1,3-dichlorobenzene | 9.0 - 125 | µg/l |
| | | 1,4-dichlorobenzene | 8.0 - 115 | µg/l |
| | | ethylbenzene | 9.0 - 100 | µg/l |
| | | methyl tert-butyl ether (mtbe) | 15.0 - 100 | µg/l |
| | | naphthalene | 8.0 - 190 | µg/l |
| | | toluene | 7.0 - 100 | µg/l |
| | | 1,2,4-trimethylbenzene | 8.0 - 100 | µg/l |
| | | 1,3,5-trimethylbenzene | 8.0 - 100 | µg/l |
| | | m+p-xylene | 8.0 - 300 | µg/l |
| | | o-xylene | 8.0 - 300 | µg/l |
| total xylene | 20.0 - 300 | µg/l | | |

Dissolved Oxygen (group 14)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|---|---------------|-------|
| FWDO1-EWW1 | Standard Concentrate | dissolved oxygen & dissolved oxygen (Winkler) | 1.0 - 100 | mg/l |

Hexavalent Chromium (group 7)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|------------------------------|---------------|-------|
| FWHC1-EWW1 | Standard Concentrate | hexavalent chromium [Cr(VI)] | 45.0 - 880 | µg/l |

Minerals (group 8)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|--|---------------|-------|
| FWMI1-EWW1 | Standard Concentrate | alkalinity (as CaCO ₃) | 10.0 - 120 | mg/l |
| | | calcium | 3.5 - 110 | mg/l |
| | | total hardness (as CaCO ₃) | 17.0 - 675 | mg/l |
| | | magnesium | 2.0 - 40.0 | mg/l |
| | | potassium | 4.0 - 40.0 | mg/l |
| | | sodium | 6.0 - 100 | mg/l |

Nutrients (routine components group 3)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|--------------------------------|---------------|-------|
| FWNU1-EWW1 | Standard Concentrate | nitrate (as N) | 0.5 - 50.0 | mg/l |
| | | nitrite (as N) | 0.2 - 10.0 | mg/l |
| | | ammonia (as N) | 0.2 - 20.0 | mg/l |
| | | chloride | 10.0 - 500 | mg/l |
| | | orthophosphate (as P) | 1.0 - 100 | mg/l |
| | | sulphate (as SO ₄) | 10.0 - 500 | mg/l |
| | | total phosphorus (as P) | 0.2 - 5.0 | mg/l |
| | | kjeldahl nitrogen (as N) | 2.0 - 50.0 | mg/l |
| | | total nitrogen (as N) | 2.0 - 50.0 | mg/l |

Oil & Grease (group 10)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|--|---------------|-------|
| FWOG1-EWW1 | Standard Concentrate | oil & grease suitable for EPA 1664, SM 5520B and other gravimetric methods (not suitable for IR methods) | 10.0 - 100 | mg/l |

Oxygen Demand (group 1)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|-----------|---------------|-------|
| FWDE1-EWW1 | Standard Concentrate | BOD 5-day | 6.0 - 250 | mg/l |
| | | COD | 6.0 - 250 | mg/l |
| | | TOC | 6.0 - 250 | mg/l |

pH & Electrical Conductivity (group 4)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|-------------------|-------------------------------|---------------|----------|
| FWPH1-EWW1 | Standard Solution | pH | 1.0 - 13.0 | pH units |
| | | electrical conductivity @25°C | 200 - 2000 | µS/cm |

Phthalates (Environmental group 16)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|------------------------------|---------------|-------|
| FWPT1-EWW1 | Standard Concentrate | bis (2-ethylhexyl) phthalate | 8.0 - 50.0 | µg/l |
| | | butyl benzyl phthalate | 8.0 - 50.0 | µg/l |
| | | di-n-butyl phthalate | 8.0 - 50.0 | µg/l |
| | | diethyl phthalate | 8.0 - 50.0 | µg/l |
| | | dimethyl phthalate | 8.0 - 50.0 | µg/l |
| | | di-n-octyl phthalate | 8.0 - 50.0 | µg/l |

Residues (group 2)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|-------------------|--------------------------|---------------|-------|
| FWRE1-EWW1 | Standard Solution | dissolved solids @ 180°C | 23.0 - 675 | mg/l |
| | | suspended solids | 23.0 - 675 | mg/l |
| | | total solids | 23.0 - 675 | mg/l |

Settleable Solids (group 13)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|---|---------------|-------|
| FWSS1-EWW1 | Standard Concentrate | settleable solids (volumetric test using Imhoff Cone) | 5.0 - 100 | ml/l |

Total Cyanide (group 11)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|---------------|---------------|-------|
| FWTC1-EWW1 | Standard Concentrate | total cyanide | 0.1 - 1.0 | mg/l |

Total Sulphide (group 12)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|----------------|---------------|-------|
| FWTS1-EWW1 | Standard Concentrate | total sulphide | 1.0 - 10.0 | mg/l |

Trace Metals 1 (group 5)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|------------------|---------------|-------|
| FWTM1-EWW1 | Standard Concentrate | aluminium | 200 - 4000 | µg/l |
| | | arsenic | 70.0 - 900 | µg/l |
| | | beryllium | 8.0 - 900 | µg/l |
| | | cadmium | 8.0 - 750 | µg/l |
| | | chromium (total) | 17.0 - 1000 | µg/l |
| | | cobalt | 28.0 - 1000 | µg/l |
| | | copper | 40.0 - 900 | µg/l |
| | | iron | 200 - 4000 | µg/l |
| | | lead | 70.0 - 3000 | µg/l |
| | | manganese | 70.0 - 4000 | µg/l |
| | | mercury | 2.0 - 30.0 | µg/l |
| | | nickel | 80.0 - 3000 | µg/l |
| | | selenium | 90.0 - 2000 | µg/l |
| | | vanadium | 55.0 - 2000 | µg/l |
| zinc | 100 - 2000 | µg/l | | |

Trace Metals 2 (group 6)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|----------------------|------------|---------------|-------|
| FWTM2-EWW1 | Standard Concentrate | antimony | 95.0 - 900 | µg/l |
| | | barium | 100 - 2500 | µg/l |
| | | boron | 800 - 2000 | µg/l |
| | | molybdenum | 60.0 - 600 | µg/l |
| | | silver | 26.0 - 600 | µg/l |
| | | strontium | 30.0 - 300 | µg/l |
| | | thallium | 60.0 - 900 | µg/l |

SOIL**Trace Metals 5 (no group)**

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|--------|----------|---------------|-------|
| FWTM5-SOI1 | Soil | cadmium | 1.0 - 400 | mg/kg |
| | | lead | 10.0 - 2000 | mg/kg |
| | | chromium | 10.0 - 500 | mg/kg |
| | | arsenic | 1.0 - 500 | mg/kg |
| | | barium | 30.0 - 2500 | mg/kg |
| | | nickel | 1.0 - 200 | mg/kg |
| | | copper | 2.0 - 200 | mg/kg |
| | | zinc | 10.0 - 200 | mg/kg |
| | | mercury | 0.1 - 200 | mg/kg |

SURFACE WATER

Major Inorganic Components (group 1)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------|--------------------------------|---------------|-------|
| FWIC1-SUW1 | Surface Water | sodium | 5.0 - 50.0 | mg/l |
| | | potassium | 0.3 - 3.0 | mg/l |
| | | chloride | 6.0 - 50.0 | mg/l |
| | | calcium | 10.0 - 150 | mg/l |
| | | magnesium | 1.0 - 15.0 | mg/l |
| | | alkalinity as HCO ₃ | 30.0 - 300 | mg/l |
| | | total hardness as Ca | 30.0 - 130 | mg/l |
| | | total phosphorus P | 100 - 3000 | µg/l |
| | | fluoride | 150 - 1800 | µg/l |
| | | sulphate | 5.0 - 100 | mg/l |

Routine Components (group 2)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------|--------------------------|---------------|----------|
| FWRC1-SUW1 | Surface Water | nitrite NO ₂ | 0.02 - 0.60 | mg/l |
| | | nitrate NO ₃ | 2.0 - 60.0 | mg/l |
| | | ammonium NH ₄ | 0.1 - 0.6 | mg/l |
| | | TOC | 0.2 - 5.0 | mg/l |
| | | PI | 0.2 - 5.0 | mg/l |
| | | colour (filtered) | 0.2 - 30.0 | HAZEN |
| | | SR phosphate | 1.0 - 1500 | µg/l |
| | | pH | 6.0 - 10.0 | pH units |
| | | turbidity | 0.05 - 10.0 | NTU |
| | | conductivity @ 20°C | 100 - 600 | µS/cm |

Metals (group 3)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------|-----------|---------------|-------|
| FWME1-SUW1 | Surface Water | iron | 15.0 - 400 | µg/l |
| | | manganese | 10.0 - 70.0 | µg/l |
| | | copper | 20.0 - 700 | µg/l |
| | | aluminium | 10.0 - 500 | µg/l |
| | | zinc | 20.0 - 700 | µg/l |
| | | silver | 2.0 - 15.0 | µg/l |
| | | barium | 10.0 - 700 | µg/l |
| | | boron | 25.0 - 1500 | µg/l |
| | | strontium | 10.0 - 1000 | µg/l |
| | | lithium | 10.0 - 100 | µg/l |

Toxic Metals (group 4)

| Product Code | Matrix | Analytes | Approx. Range | Units |
|--------------|---------------|------------|---------------|-------|
| FWTX1-SUW1 | Surface Water | cadmium | 0.2 - 7.0 | µg/l |
| | | lead | 1.0 -25.0 | µg/l |
| | | nickel | 3.0 - 30.0 | µg/l |
| | | selenium | 1.0 - 15.0 | µg/l |
| | | arsenic | 1.0 - 15.0 | µg/l |
| | | antimony | 0.5 - 7.0 | µg/l |
| | | mercury | 0.1 - 2.0 | µg/l |
| | | cobalt | 2.0 - 30.0 | µg/l |
| | | vanadium | 2.0 - 30.0 | µg/l |
| | | chromium | 3.0 - 60.0 | µg/l |
| | | molybdenum | 2.0 - 30.0 | µg/l |
| | | tin | 1.0 - 100 | µg/l |
| | | beryllium | 1.0 - 10.0 | µg/l |



f a p a s[®]
celebrating 30 years

飲料水微生物分析：LEAP

2021年1月～2022年3月

日本版プログラム

 株式会社 **セントラル** 科学貿易
CENTRAL SCIENTIFIC COMMERCE, INC.



fera
Original thinking... applied



WATER AND ENVIRONMENTAL MICROBIOLOGY PROFICIENCY TESTS

INDICATOR ORGANISMS

Bathing Water

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------------|---|--------------------|-----------|---------|---------|
| BWM0108 | Bathing Water | <i>Escherichia coli</i> and Enterococci | lyophilised sample | 2021/5/19 | ¥37,000 | ¥10,000 |
| BWM0109 | Bathing Water | <i>Escherichia coli</i> and Enterococci | lyophilised sample | 2021/9/22 | ¥37,000 | ¥10,000 |

Drinking Water

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|---|--------------------|------------|---------|---------|
| DWM0150 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/1/20 | ¥36,000 | ¥10,000 |
| DWM0151 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/3/3 | ¥36,000 | ¥10,000 |
| DWM0152 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/4/7 | ¥37,000 | ¥10,000 |
| DWM0153 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/5/5 | ¥37,000 | ¥10,000 |
| DWM0154 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/6/16 | ¥37,000 | ¥10,000 |
| DWM0155 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/7/14 | ¥37,000 | ¥10,000 |
| DWM0156 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/9/8 | ¥37,000 | ¥10,000 |
| DWM0157 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/10/13 | ¥37,000 | ¥10,000 |
| DWM0158 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/11/17 | ¥37,000 | ¥10,000 |
| DWM0159 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/12/8 | ¥37,000 | ¥10,000 |
| DWM0160 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2022/1/19 | ¥37,000 | ¥10,000 |
| DWM0161 | Drinking Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2022/3/16 | ¥37,000 | ¥10,000 |
| DWM0250 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/1/20 | ¥36,000 | ¥10,000 |
| DWM0251 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/3/3 | ¥36,000 | ¥10,000 |
| DWM0252 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/4/7 | ¥37,000 | ¥10,000 |
| DWM0253 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/5/5 | ¥37,000 | ¥10,000 |
| DWM0254 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/6/16 | ¥37,000 | ¥10,000 |
| DWM0255 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/7/14 | ¥37,000 | ¥10,000 |
| DWM0256 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/9/8 | ¥37,000 | ¥10,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|---|--------------------|------------|---------|---------|
| DWM0257 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/10/13 | ¥37,000 | ¥10,000 |
| DWM0258 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/11/17 | ¥37,000 | ¥10,000 |
| DWM0259 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2021/12/8 | ¥37,000 | ¥10,000 |
| DWM0260 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2022/1/19 | ¥37,000 | ¥10,000 |
| DWM0261 | Drinking Water | Colony Counts (22°C/72h) and Colony Counts (37°C/48h) | lyophilised sample | 2022/3/16 | ¥37,000 | ¥10,000 |
| DWM0350 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/1/20 | ¥36,000 | ¥10,000 |
| DWM0351 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/3/3 | ¥36,000 | ¥10,000 |
| DWM0352 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/4/7 | ¥37,000 | ¥10,000 |
| DWM0353 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/5/5 | ¥37,000 | ¥10,000 |
| DWM0354 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/6/16 | ¥37,000 | ¥10,000 |
| DWM0355 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/7/14 | ¥37,000 | ¥10,000 |
| DWM0356 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/9/8 | ¥37,000 | ¥10,000 |
| DWM0357 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/10/13 | ¥37,000 | ¥10,000 |

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|---|-----------------------|------------|---------|---------|
| DWM0358 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/11/17 | ¥37,000 | ¥10,000 |
| DWM0359 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2021/12/8 | ¥37,000 | ¥10,000 |
| DWM0360 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2022/1/19 | ¥37,000 | ¥10,000 |
| DWM0361 | Drinking Water | Enterococci, <i>Pseudomonas aeruginosa</i> , <i>Clostridium perfringens</i> , <i>Clostridium</i> spp., Sulphite Reducing Clostridia | lyophilised sample | 2022/3/16 | ¥37,000 | ¥10,000 |

Swimming Pool and Spa Water

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-----------------------------------|--|-----------------------|------------|---------|---------|
| SPM0108 | Swimming Pool and Spa Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/7/28 | ¥43,000 | ¥10,000 |
| SPM0109 | Swimming Pool and Spa Water | Total coliforms and <i>Escherichia coli</i> | lyophilised sample | 2021/12/1 | ¥43,000 | ¥10,000 |
| SPM0208 | Swimming Pool and Spa Water | Total Viable Count (TVC) at 37°C for 24h | lyophilised sample | 2021/7/28 | ¥43,000 | ¥10,000 |
| SPM0209 | Swimming Pool and Spa Water | Total Viable Count (TVC) at 37°C for 24h | lyophilised sample | 2021/12/1 | ¥43,000 | ¥10,000 |
| SPM0308 | Swimming Pool and Spa Water | <i>Pseudomonas aeruginosa</i> , Coagulase Positive Staphylococci, Total Staphylococci | lyophilised sample | 28/07/2021 | ¥43,000 | ¥10,000 |
| SPM0309 | Swimming Pool and Spa Water | <i>Pseudomonas aeruginosa</i> , Coagulase Positive Staphylococci, Total Staphylococci | lyophilised sample | 01/12/2021 | ¥43,000 | ¥10,000 |

PARASITOLOGY

Drinking Water

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|----------------|--|------|-----------|---------|---------|
| DWP0129 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Count ONLY | 1 ml | 2021/1/19 | ¥45,000 | ¥17,000 |
| DWP0130 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Count ONLY | 1 ml | 2021/3/2 | ¥45,000 | ¥17,000 |
| DWP0131 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Count ONLY | 1 ml | 2021/5/4 | ¥46,000 | ¥17,000 |
| DWP0133 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Count ONLY | 1 ml | 2021/9/7 | ¥46,000 | ¥17,000 |
| DWP0135 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Count ONLY | 1 ml | 2022/1/18 | ¥46,000 | ¥17,000 |
| DWP0229 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Recovery | 1 ml | 2021/1/19 | ¥45,000 | ¥17,000 |
| DWP0230 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Recovery | 1 ml | 2021/3/2 | ¥45,000 | ¥17,000 |
| DWP0231 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Recovery | 1 ml | 2021/5/4 | ¥46,000 | ¥17,000 |
| DWP0232 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Recovery | 1 ml | 2021/7/13 | ¥46,000 | ¥17,000 |
| DWP0233 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Recovery | 1 ml | 2021/9/7 | ¥46,000 | ¥17,000 |
| DWP0234 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Recovery | 1 ml | 2021/11/2 | ¥46,000 | ¥17,000 |
| DWP0235 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Recovery | 1 ml | 2022/1/18 | ¥46,000 | ¥17,000 |
| DWP0236 | Drinking Water | <i>Cryptosporidium</i> oocysts and/or <i>Giardia</i> cysts Recovery | 1 ml | 2022/3/8 | ¥46,000 | ¥17,000 |

PATHOGENS

Bathing Water

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|---------------|---|--------------------|-----------|---------|---------|
| BWM0208 | Bathing Water | <i>Salmonella</i> spp. (Detection) | lyophilised sample | 2021/5/19 | ¥37,000 | ¥10,000 |
| BWM0209 | Bathing Water | <i>Salmonella</i> spp. (Detection) | lyophilised sample | 2021/9/22 | ¥37,000 | ¥10,000 |
| BWM0304 | Bathing Water | <i>Campylobacter</i> spp. (Detection) | lyophilised sample | 2021/5/19 | ¥37,000 | ¥10,000 |
| BWM0305 | Bathing Water | <i>Campylobacter</i> spp. (Detection) | lyophilised sample | 2021/9/22 | ¥37,000 | ¥10,000 |
| BWM0404 | Bathing Water | <i>Escherichia coli</i> O157:H7 (Detection) | lyophilised sample | 2021/5/19 | ¥37,000 | ¥10,000 |

Swimming Pool and Spa Water

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|---------|-----------------------------|---|--------------------|-----------|---------|---------|
| SPM0405 | Swimming Pool and Spa Water | <i>Escherichia coli</i> O157:H7 (Detection) | lyophilised sample | 2021/12/1 | ¥43,000 | ¥10,000 |

Water (Environmental)

| 申込番号 | Matrix | Analytes | 送付量 | 出荷日 | 技能試験費 | 追加サンプル費 |
|--------|--------|------------------------|--------------------|------------|---------|---------|
| LG0113 | Water | <i>Legionella</i> spp. | lyophilised sample | 2021/5/5 | ¥47,000 | ¥13,000 |
| LG0114 | Water | <i>Legionella</i> spp. | lyophilised sample | 2021/9/8 | ¥47,000 | ¥13,000 |
| LG0115 | Water | <i>Legionella</i> spp. | lyophilised sample | 2021/11/17 | ¥47,000 | ¥13,000 |
| LG0116 | Water | <i>Legionella</i> spp. | lyophilised sample | 2022/3/16 | ¥47,000 | ¥13,000 |