


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

| | | |
|---|---|---|
|  <p>1325</p> <p>Accredited to ISO/IEC 17025:2017</p> | <h3>Aberdeen City Council</h3> <p>Issue No: 043 Issue date: 15 September 2020</p> | |
| | <p>Aberdeen Scientific Services Laboratory Aberdeen City Council Old Aberdeen House Dunbar Street Aberdeen AB24 3UJ</p> | <p>Contact: Mr James Darroch Tel: +44 (0)1224 491648 Fax: +44 (0)1224 276873 E-Mail: jdarroch@aberdeencity.gov.uk Website: www.aberdeenscientific.com</p> |
| Testing performed at the above address only | | |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---------------------------|--|--|
| ANIMAL FEEDINGSTUFFS | <u>Chemical Tests</u> | Documented In-House Methods in the Series PA/IHT/0000 |
| | Contaminants & Composition | Development and Modification of Methods for the analysis of foods using Generic In-House Procedure PA/IHT/3000 for the techniques GC, GC-MS, HPLC, AAS, ICP-OES, UV/Visible Spectrophotometry, Microscopy and Classical Techniques |
| | Aflatoxins - B1, B2, G1 and G2 and total aflatoxins | PA/IHT/2308 using High Performance Liquid Chromatography (HPLC) |
| | Arsenic and Selenium | PA/IHT/2520 using Hydride Generation Atomic Absorption Spectrometry (AAS) |
| | Ash | PA/IHT/0003 |
| | Calcium and Magnesium | PA/IHT/2515 using AAS |
| | Iron, Copper, Manganese, Zinc | PA/IHT/2510 using AAS |
| | Lead, Cadmium | PA/IHT/2511 using AAS |
| | Lead, Cadmium | PA/IHT/2560 using ICP/OES |
| | Mercury | PA/IHT/0152 using Cold Vapour AAS |
| | Moisture | PA/IHT/0007 oven drying |
| Nitrogen | PA/VEM/0013 using Digestion Block with Titanium Catalyst and Hydrogen Peroxide | |



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| ANIMAL FEEDINGSTUFFS (cont'd) | <u>Chemical Tests</u> | Documented In-House Methods in the Series PA/IHT/0000 |
| | Oil | PA/IHT/0215 using Gravimetry |
| | Protein | PA/IHT/3001 |
| ANIMAL FEEDING STUFFS BREAD AND BREAD PRODUCTS | <u>Chemical Tests</u> | |
| | Crude fibre | PA/IHT/2062 using Fibretec system |
| ANIMAL FEEDINGSTUFFS FOOD and FOOD PRODUCTS | <u>Chemical Tests</u> | |
| | Vitamin A and E | PA/IHT/2320 using HPLC (general and statutory method) |
| FOOD and FOOD PRODUCTS | <u>Chemical Tests</u> | Documented Methods issued by the Association of Public Analysts Validation of Enforcement Methods Service (VEMS) in the series PA/VEM/0000 and Documented In-House Methods in the series PA/IHT/0000 |
| BEVERAGES - ALCOHOLIC | | |
| Spirits | Alcoholic Strength | PA/IHT/0401 using Obscuration using a Pyknometer |
| | Congeners | PA/VEM/0161 using Gas Chromatography (GC) |
| Wine | Acidity | PA/IHT/0081 using titrimetry |
| BEVERAGES - NON-ALCOHOLIC | | |
| Coffee and Coffee Products | Caffeine | PA/VEM/0059 using HPLC |
| Fruit Juice and Soft Drinks | Acesulfame-K, Aspartame, Benzoic Acid, Caffeine, Saccharin, Sorbic Acid | PA/IHT/2317 using HPLC |
| | Water Soluble Synthetic Colour | PA/IHT/2309 using HPLC |



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| FOOD and FOOD PRODUCTS | <u>Chemical Tests</u> | Documented Methods issued by the Association of Public Analysts Validation of Enforcement Methods Service (VEMS) in the series PA/VEM/0000 and Documented In-House Methods in the series PA/IHT/0000 |
| CEREAL and BAKERY PRODUCTS | | |
| Bread | Moisture | PA/VEM/0222 using Gravimetry |
| Bread and Flour Products | Propionic and Sorbic Acids | PA/IHT/2201 using GC |
| CONFECTIONERY and SUGARS | | |
| Chocolate and Cocoa Products | Theobromine | PA/IHT/2313 using HPLC |
| DAIRY PRODUCTS | | |
| Cream | Fat - Routine | PA/VEM/0216 using Gerber Method |
| Milk | Fat | PA/VEM/0008 using Gerber method |
| | Titratable Acidity | PA/VEM/0131 using titrimetry |
| | Freezing Point | PA/IHT/0307 using Thermistor Cryoscope (Routine Method) |
| DESSERTS | <u>Chemical Tests</u> | |
| Ice Creams | Fat | PA/IHT/0216 using Gerber Method |
| FISH AND FISH PRODUCTS | 3-monochloropropane-1,2-diol | PA/IHT/2171 using Gas Chromatography Mass Spectrometry (GCMS) |
| | Fish Species Identification | 1) PA/VEM/0151 using Iso-Electric Focussing 2) PA/IHT/0063 by Examination of skin and other distinguishing features |
| | Histamine | PA/IHT/2324 using HPLC |
| | Total Volatile Basic Nitrogen | PA/IHT/0065 using Steam Distillation followed by Titrimetry |



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| FOOD and FOOD PRODUCTS (cont'd) | <u>Chemical Tests (cont'd)</u> | Documented Methods issued by the Association of Public Analysts Validation of Enforcement Methods Service (VEMS) in the series PA/VEM/0000 and Documented In-House Methods in the series PA/IHT/0000 |
| Prawns - Frozen, Cooked and Peeled | Ice Glaze | PA/VEM/0033 using gravimetry |
| Soft Fruit and Vegetables | Drained Weight | PA/VEM/0052 using gravimetry |
| Fruit and Vegetables | Soluble Solids | PA/VEM/0247 using refractometry |
| HONEY and HONEY PRODUCTS | Diastase activity | PA/IHT/0075 |
| | Electrical conductivity | PA/IHT/0076 using EU reference method, Method 12 |
| | Moisture | PA/VEM/0265 |
| | Hydroxymethylfurfural | PA/IHT/2310 using HPLC |
| MEAT, GAME and POULTRY including processed products | 3-monochloropropane-1,2-diol | PA/IHT/2171 using GCMS |
| | L(-)-Hydroxyproline | PA/VEM/0092 |
| | Identification of Beef, Pork, Lamb and Poultry in cooked meat and Meat Products | PA/IHT/0083 using Neogen Cooked Meat ELISA immunoassay kit |
| | Nitrite | PA/IHT/0101 using Spectrophotometry |
| | Total Volatile Nitrogen in Flesh Foods | PA/VEM/0157 |
| Foods (general) | Fatty Acid Profile: Saturates Mono-unsaturates Poly-unsaturates | PA/IHT/2151 by analysing fatty acids converted to fatty acid methyl esters using GC |
| OILS and FATS | Free Fatty Acids - | PA/VEM/0010 |
| | n-Butyric Acid | PA/IHT/2101 using GC |
| | Peroxide Value | PA/VEM/0009 |



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| FOOD and FOOD PRODUCTS (cont'd) | <u>Chemical Tests (cont'd)</u> | Documented Methods issued by the Association of Public Analysts Validation of Enforcement Methods Service (VEMS) in the series PA/VEM/0000 and Documented In-House Methods in the series PA/IHT/0000 |
| - Vinegar | Acetic Acid | PA/VEM/0176 |
| SPICES | Aflatoxins - B ₁ , B ₂ , G ₁ and G ₂ , total aflatoxins and Ochratoxin A | PA/IHT/2327 using HPLC |
| - Chilli powder | Sudan I colour | PA/IHT/2322 using HPLC |
| FOODS, General | Acrylamide | PA/IHT/2172 using GC-MS |
| | Aflatoxins B ₁ B ₂ G ₁ G ₂ and total aflatoxins | PA/IHT/2308 using HPLC |
| | Arsenic | PA/IHT/2520 using Hydride Generation AAS |
| | Ash | PA/IHT/0003 |
| | Benzoic Acid and Sorbic Acid | PA/IHT/2302 using HPLC |
| | Calculation of Energy Value | PA/VEM/0381 |
| | Calcium and Magnesium | PA/IHT/2515 using AAS |
| | Chloride (Salt as Sodium Chloride by Calculation) | PA/IHT/2303 using IC |
| | Ethanol | PA/IHT/2103 using GC |
| | Fat | 1) PA/IHT/0014 using Acid Digestion (Werner-Schmid Method) 2) PA/IHT/0214 using Alkaline Hydrolysis 3) PA/IHT/0215 using Acid Digestion and Soxhlet Extraction 4) PA/IHT/0217 using Soxhlet Extraction |



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| <p>FOOD and FOOD PRODUCTS (cont'd)</p> | <p><u>Chemical Tests (cont'd)</u></p> <p>Additives, Colourings, Preservatives and Related Contaminants & Composition</p> <p>Glucose, Fructose and Sucrose in Water Soluble Foods</p> <p>Herbs, Spices and Vegetable Materials</p> <p>Ingredients</p> <p>Lead and Cadmium 0.05 - 2mg/Kg Pb and 0.005 - 0.2 mg/Kg Cd</p> <p>Lead and Cadmium > 0.5 mg/Kg Pb and > 0.2 mg/Kg Cd</p> <p>Mercury</p> <p>Metals: Iron, Copper, Manganese and Zinc</p> <p>Moisture</p> <p>3-monochloropropane-1,2-diol</p> <p>Monosodium Glutamate</p> <p>Nitrate and Nitrite</p> | <p>Documented Methods issued by the Association of Public Analysts Validation of Enforcement Methods Service (VEMS) in the series PA/VEM/0000 and Documented In-House Methods in the series PA/IHT/0000</p> <p>Development and Modification of Methods for the analysis of foods using Generic In-House Procedure PA/IHT/3000 for the techniques GC, GC-MS, HPLC, AAS, ICP-OES, UV/Visible Spectrophotometry, Microscopy and Classical Techniques</p> <p>PA/IHT/2311 using HPLC</p> <p>PA/VEMS/0224 by Microscopy</p> <p>PA/IHT/0005 using Gravimetry</p> <p>PA/IHT/2501 using AAS</p> <p>PA/IHT/2511 using AAS</p> <p>PA/IHT/0152 using Cold Vapour AAS</p> <p>PA/IHT 2510 using AAS</p> <p>PA/IHT/0007 PA/IHT/0008 by Drying on Sand</p> <p>PA/IHT/2171 using GCMS</p> <p>PA/IHT/2316 using HPLC</p> <p>PA/IHT/2307 using HPLC</p> |



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| FOOD and FOOD PRODUCTS (cont'd) | <u>Chemical Tests (cont'd)</u> | Documented Methods issued by the Association of Public Analysts Validation of Enforcement Methods Service (VEMS) in the series PA/VEM/0000 and Documented In-House Methods in the series PA/IHT/0000 |
| | Nitrogen | PA/VEM/0013 by Digestion Block using Titanium Catalyst and Hydrogen Peroxide |
| | pH | PA/VEM/0282 |
| | Selenium | PA/IHT/ 2520b using Hydride generation AAS |
| | Total Sugars, Fructose, Glucose, Sucrose, Maltose and Lactose | PA/IHT/2318 using HPLC |
| | Sodium (Salt by Calculation) | PA/IHT/2540 using ICP-OES |
| | Sulphur dioxide | PA/IHT/2001 |
| | Synthetic Colours in Water Soluble Foods | PA/IHT/2309 using HPLC |
| | Tin | PA/IHT/2530 using ICP-OES |
| | Vitamin C | PA/IHT/ 2319 using HPLC |
| | <u>Physical Tests</u> | Documented In-House Methods in the series PA/IHT/0000 |
| | Water activity | PA/IHT/0085 |



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| FOOD and FOOD PRODUCTS | <u>Microbiology Tests</u> | Documented In-House Methods in the series PA/IHT/0000 |
| DAIRY PRODUCTS Milk and Milk Products | Enumeration of : Enterobacteriaceae Aerobic Colony Count at 30°C Coagulase-positive staphylococci Coliforms <i>Listeria monocytogenes</i> and <i>Listeria</i> species Detection of: <i>Listeria monocytogenes</i> and <i>Listeria</i> species <i>Salmonella</i> species Detection and enumeration of Enterobacteriaceae | PA/IHT/6505 using pour plate technique In house screening method based on ISO 21528-2:2004 PA/IHT/6001 based on BS EN 4833-1:2013 PA/IHT/6507 using spread plate technique based on ISO 6888-1:1999 and ISO 6888-2:1999 PA/IHT/6406 using pour plate technique based on ISO 4832:2006 PA/IHT/6510 using spread plate technique based on ISO 11290-2:2017 PA/IHT/6513 using selective enrichment technique based on ISO 11290-1:2017 PA/IHT/6508 using selective enrichment technique based on ISO 6579-1:2017 PA/IHT/6517 using MPN based on ISO 21528-1:2017 |
| FOODS, General | Enumeration of : Aerobic Colony Count in Foods: at 30 °C | 1) PA/IHT/6101 using Plate Count Agar by pour plate Incubation for 48h. 2) PA/IHT/6101 based on BS EN 4833-1:2013 by pour plate. Incubation for 72h. 3) PA/IHT/6103 using Plate Count Agar by spread plate. Incubation for 48h. |



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| FOOD and FOOD PRODUCTS (cont'd) | <u>Microbiology Tests (cont'd)</u> | Documented In-House Methods in the series PA/IHT/0000 |
| FOODS, General (cont'd) | Enumeration of: (cont'd) | |
| | Aerobic Colony Count in Foods: at 30 °C | 4) PA/IHT/6103 based on BS EN 4833-2:2013 by spread plate. Incubation for 72h. 5) PA/IHT/6104 using Plate Count Agar by spiral plating Incubation for 48h. |
| | <i>Bacillus cereus</i> (Presumptive) | PA/IHT/6502 using spread plate technique using chromogenic agar |
| | Coliforms | PA/IHT/6406 using pour plate technique based on ISO 4832:2006 |
| | <i>Clostridium perfringens</i> | PA/IHT/6509 using pour plate technique based on ISO 7937:2004 |
| | Enterobacteriaceae | PA/IHT/6505 using pour plate technique based on ISO 21528-2:2017 |
| | β -glucuronidase positive <i>Escherichia coli</i> | PA/IHT/6403 based on ISO 16649-2:2001 using surface plating |
| | <i>Listeria monocytogenes</i> and <i>Listeria</i> species | PA/IHT/6510 using spread plate technique based on ISO 11290-2:2017 |
| | <i>Pseudomonas</i> species (presumptive) | PA/IHT/6511 using spread plate technique based on BS EN ISO 13720:2010 |
| | Coagulase-positive staphylococci | PA/IHT/6507 using spread plate technique based on ISO 6888-1:1999 PA/IHT/6507 based on ISO 6888-2:1999 |
| Shellfish (Prepared) | β -glucuronidase positive <i>Escherichia coli</i> | PA/IHT/6402 using MPN based on ISO 16649-3:2005 |



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| FOOD and FOOD PRODUCTS (cont'd) FOODS, General (cont'd) | <u>Microbiology Tests (cont'd)</u> Detection of: Thermotolerant <i>Campylobacter</i> <i>Escherichia coli</i> O157 <i>Listeria monocytogenes</i> and <i>Listeria</i> species <i>Salmonella</i> species | Documented In-House Methods in the series PA/IHT/0000 PA/IHT/6501 using selective enrichment technique using Exeter Broth and Modified Campylobacter Blood-free Agar PA/IHT/6408 using Immuno-magnetic separation based on ISO 16654:2001 PA/IHT/6513 using selective enrichment technique based on ISO 11290-1:2017 PA/IHT/6508 using selective enrichment technique based on ISO 6579-1:2017 |
| POLLUTANTS AND EFFLUENTS ATMOSPHERIC - Air | <u>Chemical Tests</u> Nitrogen Dioxide | Documented In-House Methods in the series PA/IHT/0000 as listed below PA/IHT/8001 using Spectrophotometry |
| WATERS Private water supplies Potable waters (including Public water supplies) | Examination for the purpose of enforcement of The Private Water Supplies (Scotland) Regulations 2006 (SI 2006/209), The Water Intended for Human Consumption (Private Supplies) (Scotland) Regulation 2017 and The Public Water Supplies (Scotland) Regulation 2014 <u>Chemical Tests</u> Colour Conductivity | Methodology meeting the requirements of The Drinking Water Testing Specification Documented In-House Methods PA/IHT/4208 using Spectrophotometry PA/IHT/4204 using conductivity meter |
| Drinking waters including Private | Nitrate, Chloride, Sulphate, Fluoride | PA/IHT/4102 using Ion |



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| and Public water supplies | | Chromatography |
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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
| <p>WATERS</p> <p>Private water supplies Potable waters (including Public water supplies)</p> <p>Drinking waters including Private and Public water supplies</p> | <p>Examination for the purpose of enforcement of The Private Water Supplies (Scotland) Regulations 2006 (SI 2006/209), The Water Intended for Human Consumption (Private Supplies) (Scotland) Regulation 2017 and The Public Water Supplies (Scotland) Regulation 2014</p> <p><u>Chemical Tests</u></p> <p>pH</p> <p>Turbidity</p> <p>Nitrite</p> <p>Ammonium</p> <p>Aluminium Boron Cadmium Chromium Copper Iron Lead Manganese Nickel Sodium Zinc</p> <p>Lead</p> | <p>Methodology meeting the requirements of The Drinking Water Testing Specification</p> <p>Documented In-House Methods</p> <p>PA/IHT/4203 using pH Meter</p> <p>PA/IHT/4205 using Nephelometry</p> <p>PA/IHT/4104 using Spectrophotometry</p> <p>PA/IHT/4520 using "sealed tube" Spectrophotometry</p> <p>PA/IHT/4523 using Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)</p> <p>PA/IHT/4005 using Electrothermal Atomization Atomic Absorption Spectrometry (ETA-AAS)</p> |
| <p>WATERS</p> <p>Drinking waters including Private and Public water supplies</p> | <p><u>Microbiological Tests</u></p> <p>Enumeration of:</p> <p>Total Coliforms and <i>Escherichia coli</i></p> <p>Heterotrophic Colony Count</p> | <p>Documented In-House Methods based on MDW Methods</p> <p>PA/IHT/7401 using membrane filtration based on MDW (2016) Part 4A</p> <p>PA/IHT/7001 using pour plate</p> |



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| | | technique based on MDW (2012) Part 7A |
| WATERS (cont'd) | <u>Microbiological Tests (cont'd)</u> | Documented In-House Methods based on MDW Methods |
| | Total Coliforms and <i>Escherichia coli</i> | PA/IHT/7404 using Colilert based on MDW (2016) Part 4D |
| | Enterococci | PA/IHT/7604 using membrane filtration based on MDW (2012) Part 5A |
| | Sulphite-Reducing Clostridia and <i>Clostridium perfringens</i> | PA/IHT/7602 using membrane filtration based on MDW (2015) Part 6 |
| WATERS - Surface, Ground waters and Landfill Leachates | <u>Chemical and Physical Tests</u> | Documented In-House Methods in the series PA/IHT/0000 as listed below |
| | Alkalinity | PA/IHT/4207 using auto-titration |
| | Ammonium | PA/IHT/4520 using Hach "sealed tube" Spectrophotometry |
| | Biochemical Oxygen Demand (BOD) | PA/IHT/4514 |
| | Chloride | PA/IHT/4102 using Ion Chromatography |
| | Electrical Conductivity | PA/IHT/4204 using conductivity meter |
| | Nitrate | PA/IHT/4102 using Ion Chromatography |
| | Nitrite | PA/IHT/4104 by Spectrophotometry |
| | pH | PA/IHT/4203 using pH meter |
| | Phosphate | PA/IHT/4102 using Ion Chromatography |
| | Chemical Oxygen Demand (COD) | PA/IHT/4519 using Hach "sealed tube" Spectrophotometry |



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| | Sulphate | PA/IHT/4102 using Ion Chromatography |
| WATERS - Surface, Ground waters and Landfill Leachates (cont'd) | <u>Chemical and Physical Tests (cont'd)</u> | Documented In-House Methods in the series PA/IHT/0000 as listed below |
| | Suspended Solids | PA/IHT/4512 using gravimetry |
| | Total Organic Carbon (TOC) | PA/IHT/4521 using Hach "sealed tube" Spectrophotometry |
| | Antimony Arsenic Barium Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Molybdenum Nickel Phosphorus Potassium Selenium Sodium TinVanadium Zinc Total Hardness by calculation | PA/IHT/4524 using Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) |
| Drinking water | Alkalinity | PA/IHT/4207 using auto-titration |
| | Ammonium | PA/IHT/4520 using Hach "sealed tube" Spectrophotometry |
| | Chloride | PA/IHT/4102 using Ion Chromatography |
| | Colour | PA/IHT/4208 using Spectrophotometry |



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| WATERS (cont'd) | <u>Chemical and Physical Tests (cont'd)</u> | Documented In-House Methods in the series PA/IHT/0000 as listed below |
| | Electrical Conductivity | PA/IHT/4204 using conductivity meter |
| | Lead | PA/IHT/4005 using Electrothermal Atomisation Atomic Absorption Spectrometry (ETA-AAS) |
| Drinking water (cont'd) | Aluminium Antimony Arsenic Boron Cadmium Calcium Chromium Copper Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Sodium Zinc Total Hardness by calculation | PA/IHT/4523 using Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) |
| | Nitrate | PA/IHT/4102 using Ion Chromatography |
| | Nitrite | PA/IHT/4104 using Spectrophotometry |
| | pH | PA/IHT/4203 using pH meter |
| | Sulphate | PA/IHT/4102 using Ion Chromatography |
| | Total Dissolved Solids and Total Solids | PA/IHT/4222 using gravimetry |
| | Turbidity | PA/IHT/4205 by Nephelometry |



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| WATERS (cont'd) | <u>Chemical and Physical Tests (cont'd)</u> | Documented In-House Methods in the series PA/IHT/0000 as listed below |
| Swimming Pool | Total, Combined and Free Chlorine | PA/IHT/4219 using titrimetry |
| | Total Dissolved Solids and Total Solids | PA/IHT/4222 using gravimetry |
| WATER - Bottled Water | <u>Chemical Tests</u> | Methodology meeting the requirements of The Natural Mineral Water, Spring Water and Bottled Drinking Water Regulations 2007 |
| | Chloride Nitrate Sulphate | PA/IHT/4102 using Ion Chromatography |
| | pH | PA/IHT/4203 using pH Meter |
| | Total solids Total dissolved solids | PA/IHT/4222 using drying and gravimetry |
| WATER | <u>Microbiology Tests</u> | Documented In house methods based on/incorporating published procedures in The Microbiology of Drinking Water (MDW) |
| Raw, drinking and recreational waters | Enumeration: Heterotrophic Colony Count | PA/IHT/7001 using pour plate technique based on MDW (2012) Part 7A |
| | Total Coliforms and <i>Escherichia coli</i> | PA/IHT/7404 using Colilert based on MDW (2016) Part 4D |
| Raw, drinking and recreational waters, bottled spring and mineral water (still and sparkling) | Total Coliforms and <i>Escherichia coli</i> | PA/IHT/7401 using membrane filtration based on MDW (2016) |
| Raw, drinking and recreational waters, bottled spring and mineral water (still and sparkling) | <i>Pseudomonas aeruginosa</i> | PA/IHT/7601 using membrane filtration based on MDW (2015) Part 8 |
| Raw, drinking and recreational waters, bottled spring and mineral water (still and sparkling) | Sulphite-Reducing Clostridia and <i>Clostridium perfringens</i> | PA/IHT/7602 using membrane filtration based on MDW (2015) Part 6 |



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ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR UK

Aberdeen City Council
Issue No: 043 Issue date: 15 September 2020

Testing performed at main address only

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---|--|--|
| <p>WATER (cont'd)</p> <p>Raw, drinking and recreational waters, bottled spring and mineral water (still and sparkling)</p> <p>Drinking waters</p> <p>Pool and spa waters</p> <p>Raw, drinking, domestic, industrial and recreational waters</p> | <p><u>Microbiology Tests</u></p> <p>Enumeration:</p> <p>Enterococci</p> <p>Detection of:</p> <p><i>Escherichia coli</i> O157:H7</p> <p>Coagulase-positive staphylococci</p> <p>Enumeration of:</p> <p><i>Legionella</i> spp (including <i>L. pneumophila</i> group 1, 2-14 and <i>L. spp.</i>)</p> | <p>Documented In house methods based on/incorporating published procedures in The Microbiology of Drinking Water (MDW)</p> <p>PA/IHT/7604 using membrane filtration based on MDW (2012) Part 5A</p> <p>PA/IHT/7605 using immuno-magnetic separation based on MDW (2016) Part 4F</p> <p>PA/IHT/7606 using membrane filtration (a customer specified method)</p> <p>Documented In house methods based on ISO standard methods</p> <p>PA/IHT/7608 based on ISO 11731:2017 part 1 using negative membrane filtration and Oxoid dry-spot agglutination kits</p> |
| END | | |