


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>1325</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Aberdeen City Council</h3> <p>Issue No: 028 Issue date: 8 August 2011</p>	
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<p>Testing performed at the above address only</p>		

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
	Aflatoxins - B1, B2, G1 and G2 and total aflatoxins	PA/IHT/2308 by High Performance Liquid Chromatography (HPLC)
	Arsenic and Selenium	PA/IHT/2520 by Hydride Generation AAS
	Ash	PA/IHT/0003
	Calcium and Magnesium	PA/IHT/2515 by Atomic Absorption Spectroscopy (AAS)
	Iron, Copper, Manganese, Zinc	PA/IHT/2510 by AAS
	Lead, Cadmium	PA/IHT/2511 by AAS
	Nitrogen	PA/VEM/0013 by Digestion Block using Titanium Catalyst and Hydrogen Peroxide
	Oil	PA/IHT/0215
	Protein	PA/IHT/3001
	Sodium	PA/IHT/3008 by Flame Photometry
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 by HPLC (general and statutory method)



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FERTILISERS	<u>Chemical Tests</u> Neutralising value Total Nitrogen Phosphorus - Soluble in Neutral Ammonia Citrate Phosphorous - Soluble in Water Potassium - Soluble in Water	Documented In-House Methods in the series PA/IHT/000 PA/IHT/3108 using back titration PA/IHT/3101 Chromium Powder Reduction Method PA/IHT/3103 Gravimetric Method PA/IHT/3104 Gravimetric Method PA/IHT/3107 by Flame Photometry PA/IHT/3106 Gravimetric 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 by Obscuration using a Pyknometer
	Congeners	PA/VEM/0161 by GC
Wine	Acidity	PA/IHT/0081
BEVERAGES - NON-ALCOHOLIC		
Bottled Water	Calcium Magnesium	Methodology meeting the requirements of The Natural Mineral Water, Spring Water and Bottled Drinking Water Regulations 2007 PA/IHT/4006 using Flame AAS



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FOOD and FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd)	
BEVERAGES - NON-ALCOHOLIC (cont'd)	Chloride Nitrate Sulphate	PA/IHT/4102 using Ion Chromatography
	Potassium Sodium	PA/IHT/4009 using Flame Photometry
	pH	PA/IHT/4203 using pH Meter
	Total solids Total dissolved solids	PA/IHT/4222 using drying and gravimetry
Coffee and Coffee Products	Caffeine	PA/VEM/0059
Fruit Juice and Soft Drinks	Acesulfame-K, Aspartame, Benzoic Acid, Caffeine, Saccharin, Sorbic Acid	PA/IHT/2315 by HPLC and PA/IHT/2317 using HPLC
	Water Soluble Synthetic Colour	PA/IHT/2309 by HPLC
CEREAL and BAKERY PRODUCTS		
Cereal, Flour, Starch and Bakery Products	3-monochloropropane-1,2-diol	PA/IHT/2171 using GCMS
Bread	Moisture	PA/VEM/0222
Bread and Flour Products	Propionic and Sorbic Acids	PA/IHT/2201
CONFECTIONERY and SUGARS		
Chocolate and Cocoa Products	Theobromine	PA/IHT/2313 by HPLC
COOKING AND SEASONING SAUCES	3-monochloropropane-1,2-diol	PA/IHT/2171 using GCMS
DAIRY PRODUCTS		
Dairy Products	3-monochloropropane-1,2-diol	PA/IHT/2171 using GCMS
Butter	Fat, Water and Non-Fat Solids	PA/VEM/0120
	Salt	PA/VEM/0293



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FOOD and FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd)	
DAIRY PRODUCTS (cont'd)		
Cream	Acidity	PA/VEM/0251
	Fat - Routine	PA/VEM/0216 by Gerber Method
	Phosphatase	PA/IHT/0304
	Total Solids	PA/VEM/0136
Milk and Sugar Based Infant Food		
Milk	Fat	PA/VEM/0008 by Gerber method
	Antibiotics and other Inhibitory Substances	PA/VEM/0260 by Delvo Test
	Titrateable Acidity	PA/VEM/0131
	Freezing Point	1) PA/IHT/0307 by Thermistor Cryoscope (Routine Method) 2) PA/IHT/0306 by Thermistor Cryoscope (Reference Method)
	Phosphatase	PA/IHT/0301 (Routine)
	Total Solids	1) PA/VEM/0005 2) PA/VEM/0148
DAIRY PRODUCTS Milk and Milk Products	<u>Microbiology Tests</u>	
	Enumeration of :	
	<i>Enterobacteriaceae</i>	PA/IHT/6505 by pour plate technique In house screening method based on ISO 21528-2:2004
	Aerobic Colony Count at 30°C	PA/IHT/6001



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FOOD and FOOD PRODUCTS (cont'd)	<u>Microbiology Tests</u> (cont'd)	
	Enumeration of :	
	Coagulase-positive staphylococci	PA/IHT/6507 by spread plate technique based on ISO 6888-1:1999 and ISO 6888-2:1999.
	<i>Listeria monocytogenes</i> and <i>Listeria</i> species	PA/IHT/6510 by spread plate technique based on ISO 11290-2:1998, incorporating amendment 1:2004
	Detection of:	
	<i>Listeria monocytogenes</i>	PA/IHT/6513 by selective enrichment technique based on ISO 11290-1:1997 incorporating amendment 1:2004
	<i>Salmonella</i> species	PA/IHT/6508 by selective enrichment technique based on ISO 6579:2002
	Detection and enumeration of Enterobacteriaceae	PA/IHT/6517 by MPN based on (ISO 21528-1:2004)
DESSERTS	<u>Chemical Tests</u>	
Ice Creams	Fat	PA/IHT/0216 the Gerber Method
FISH AND FISH PRODUCTS	3-monochloropropane-1,2-diol	PA/IHT/2171 using GCMS
	Chloride	PA/VEM/0128
	Fish Species Identification	1) PA/VEM/0151 by 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 Steam Distillation followed by Titrimetry



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FOOD and FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd)	
FISH AND FISH PRODUCTS (cont'd)		
Prawns - Frozen, Cooked and Peeled	Ice Glaze	PA/VEM/0033
FRUIT and VEGETABLES		
Soft Fruit and Vegetables	Drained Weight	PA/VEM/0052
	Soluble Solids	1) PA/VEM/0247 2) PA/VEM/0250
HONEY and HONEY PRODUCTS	Acidity	PA/IHT/0071
	Ash	PA/VEM/0122
	Diastase activity	PA/IHT/0075
	Electroconductivity	PA/IHT/0076 EU reference method, Method 12
	Moisture	PA/VEM/0265
	Hydroxymethylfurfural	PA/IHT/2310 by HPLC
	Water Insoluble Solids	PA/VEM/0266
MEAT, GAME and POULTRY including processed products	3-monochloropropane-1,2-diol	PA/IHT/2171 using GCMS
	L(-)-Hydroxyproline	PA/VEM/0092
	Identification of Meat Species in cooked meat and Meat Products	PA/IHT/0083 using ELISA immunoassay kit
	Nitrite	PA/IHT/0101
	Soya Protein	PA/VEM/0292
	Sulphur Dioxide	1) PA/VEM/0158 by Distillation and Gravimetry 2) PA/VEM/0360 by Distillation and Titrimetry



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FOOD and FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd)	
MEAT, GAME and POULTRY including processed products (cont'd)	Total Volatile Nitrogen in Flesh Foods	PA/VEM/0157
OILS and FATS	Fatty Acid Profile	PA/IHT/2151 by analysing fatty acids converted to fatty acid methyl esters using GC
	Free Fatty Acids -	PA/VEM/0010
	n-Butyric Acid	PA/IHT/2101
	Peroxide Value	PA/VEM/0009
SOUPS, BROTHS and SAUCES		
- Vinegar	Acetic Acid	PA/VEM/0176
SPICES		
- Chilli powder	Sudan I colour	PA/IHT/2322 by HPLC
FOODS, General	Acesulfame-k, Aspartame and Saccharin in Water Soluble Foods	PA/IHT/2312 by HPLC
	Aflatoxins B ₁ B ₂ G ₁ G ₂ and total aflatoxins	PA/IHT/2308 by HPLC
	Arsenic	PA/IHT/2520 by Hydride Generation AAS
	Ash	PA/IHT/0003
	Benzoic Acid and Sorbic Acid	PA/IHT/2302 by HPLC
	Calculation of Energy Value	PA/VEM/0381
	Calcium and Magnesium	PA/IHT/2515 by AAS
	Chloride	PA/VEM/0301 PA/IHT/2303 by HPLC
	Dietary Fibre	PA/IHT/2051 by Englyst Fiberzym Kit Method PA/VEM/0081 by AOAC method



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FOOD and FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd)	
FOODS, General (cont'd)	Ethanol	PA/IHT/2102 by GC
	Fat	1) PA/IHT/0014 by Acid Digestion (Werner-Schmid Method) 2) PA/IHT/0214 by Alkaline Hydrolysis 3) PA/IHT/0215 by Acid Digestion and Soxhlet Extraction 4) PA/IHT/0217 by Soxhlet Extraction 5) PA/IHT/0218 using Soxhtherm Extraction
	Generic Protocol for the Development of Methods of Analysis	PA/IHT/3000 based on High Performance Liquid Chromatography, Atomic Absorption Spectrometry, Inductively Coupled Plasma Spectrometry, Ultra-Violet/Visible Spectrophotometry and Microscopy
	Glucose, Fructose and Sucrose in Water Soluble Foods	PA/IHT/2311 by HPLC
	Herbs, Spices and Vegetable Materials	PA/VEMS/0224 by Microscopy
	Ingredients	PA/IHT/0005 by Gravimetry
	Lead and Cadmium < 0.1 mg/Kg Pb and < 0.5 mg/Kg Cd > 0.1 mg/Kg Pb and > 0.5 mg/Kg Cd > 0.5 mg/Kg Pb and > 0.2 mg/Kg Cd	PA/IHT/2501 by AAS PA/IHT/2511 by AAS
	Mercury	PA/IHT/0152 by Cold Vapour AAS
	Metals: Iron, Copper, Manganese and Zinc	PA/IHT 2510 by AAS



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FOOD and FOOD PRODUCTS (cont'd)	<u>Chemical Tests</u> (cont'd)	
FOODS, General (cont'd)	Moisture	PA/IHT/0007 PA/IHT/0008 by Drying on Sand
	Monosodium Glutamate	PA/IHT/2316 by HPLC
	Nitrate and Nitrite	PA/IHT/2307 by HPLC
	Nitrogen	PA/VEM/0013 by Digestion Block using Titanium Catalyst and Hydrogen Peroxide
	Phosphorus	PA/VEM/0257 by Colorimetry
	pH	PA/VEM/0282
	Potassium	PA/IHT/2502 by Flame Photometry (FP)
	Selenium	PA/IHT/ 2520b by Hydride generation/AAS
	Fructose, Glucose, Sucrose, Maltose and Lactose	PA/IHT/2318 using HPLC
	Sodium	PA/IHT/2503 by FP
	Sulphur Dioxide - Routine	PA/IHT/2001
	Synthetic Colours in Water Soluble Foods	PA/IHT/2309 by HPLC
	Tin	PA/VEM/0134
	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 (cont'd) FOODS, General (cont'd)	<u>Microbiology Tests</u> Enumeration of : Aerobic Colony Count in Foods: at 30 °C at 22 °C, 30 °C and 37 °C at 30 °C <i>Bacillus cereus</i> Coliforms <i>Clostridium perfringens</i> <i>Enterobacteriaceae</i> <i>Escherichia coli</i> β-glucuronidase positive <i>E coli</i> in prepared shellfish <i>Listeria monocytogenes</i> and <i>Listeria</i> species Pseudomonas	Documented In-House Methods in the series PA/IHT/0000 1) PA/IHT/6101 by pour plate technique based on ISO 4833:2003 2) PA/IHT/6103 by spread plate technique based on BS 5763-5:1981 3) PA/IHT/6104 by spiral plater based on BS 5763-5:1981 adapted for spiral plater PA/IHT/6502 by spread plate technique based on ISO 7932:2004 PA/IHT/6406 by pour plate technique based on ISO 4832:2006 PA/IHT/6509 by pour plate technique based on ISO 7937:2004 PA/IHT/6505 by pour plate technique based on ISO 21528-2:2004 PA/IHT/6403 based on ISO 16649-2:2001 using surface plating PA/IHT/6402 by MPN based on ISO 16649-3:2005 PA/IHT/6510 by spread plate technique based on ISO 11290-2:1998, incorporating amendment 1:2004 PA/IHT/6511 by spread plate technique based on BS EN ISO 13290 :2010



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FOOD and FOOD PRODUCTS (cont'd) FOODS, General (cont'd)	<u>Microbiology Tests</u> (cont'd) Enumeration of : (cont'd) Coagulase-positive staphylococci Detection of : Thermotolerant <i>Campylobacter</i> <i>Escherichia coli</i> O157 <i>Listeria monocytogenes</i> <i>Salmonella</i> species	PA/IHT/6507 by spread plate technique based on ISO 6888-1:1999 PA/IHT/6507 based on ISO 6888-2:1999 PA/IHT/6501 by selective enrichment technique PA/IHT/6408 by Immuno-magnetic separation based on ISO 16654:2001 PA/IHT/6513 by selective enrichment technique based on ISO 11290-1:1996 incorporating amendment 1:2004 PA/IHT/6508 by selective enrichment technique based on ISO 6579:2002
- Chicken meat (raw)	Thermotolerant <i>Campylobacter</i> spp	PA/IHT/6514 by selective enrichment technique based on ISO 10271-1:2006
POLLUTANTS AND EFFLUENTS ATMOSPHERIC	<u>Chemical Tests</u>	Documented In-House Methods in the series PA/IHT/0000 as listed below
- Air	Nitrogen Dioxide	PA/IHT/8001



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<p>WATERS</p> <p>Private water supplies Potable waters (including Public water supplies)</p>	<p>Examination for the purpose of enforcement of The Private Water Supplies (Scotland) Regulations 2006 (SI 2006/209), and Examination for the purpose of enforcement of The Water Supply (Water Quality) (Scotland) Regulations 2001 (SI 2001/207)</p> <p><u>Chemical Tests</u></p> <p>Ammonia</p> <p>Colour</p> <p>Conductivity</p> <p>Nitrate, Chloride, Sulphate,</p> <p>pH</p> <p>Turbidity</p> <p>Nitrite</p> <p>Boron Cadmium Calcium Chromium Copper Iron Lead Magnesium Manganese Nickel Potassium Silver Sodium Zinc</p>	<p>Methodology meeting the requirements of The Drinking Water Testing Specification</p> <p>Documented In-House Methods</p> <p>PA/IHT/4101 using Spectrophotometry</p> <p>PA/IHT/4208 using Spectrophotometry</p> <p>PA/IHT/4204 using conductivity meter</p> <p>PA/IHT/4102 using Ion Chromatography</p> <p>PA/IHT/4203 using pH Meter</p> <p>PA/IHT/4205 using Turbidity Meter</p> <p>PA/IHT/4104 using Spectrophotometry</p> <p>PA/IHT/4010 using spectrophotometry</p> <p>PA/IHT/4523 using ICP-AES</p>



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<p>WATERS</p> <p>Private water supplies Potable waters (including Public water supplies)</p> <p>(cont'd)</p>	<p>Examination for the purpose of enforcement of The Private Water Supplies (Scotland) Regulations 2006 (SI 2006/209), and Examination for the purpose of enforcement of The Water Supply (Water Quality) (Scotland) Regulations 2001 (SI 2001/207)</p> <p><u>Chemical Tests</u></p> <p>Iron</p> <p>Lead, Manganese</p> <p>Copper , Manganese</p> <p>Sodium</p>	<p>Methodology meeting the requirements of The Drinking Water Testing Specification</p> <p>Documented In-House Methods</p> <p>PA/IHT/4010 using spectrophotometry</p> <p>PA/IHT/4005 using ETA-AAS</p> <p>PA/IHT/4008 using Flame AAS</p> <p>PA/IHT/4009 using Flame Photometry</p>
<p>WATERS</p> <p>Private water supplies Potable waters (including Public water supplies) (cont'd)</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><i>Enterococci</i></p> <p>Sulphite-Reducing Clostridia and <i>Clostridium perfringens</i></p>	<p>Documented In-House Methods based on MDW Methods</p> <p>PA/IHT/7401 by membrane filtration and PA/IHT/7404 by Colilert based on MDW (2009) Part 4</p> <p>PA/IHT/7001 by pour plate technique based on MDW (2007) Part 7</p> <p>PA/IHT/7604 by membrane filtration based on MDW (2010) Part 5</p> <p>PA/IHT/7602 by membrane filtration based on MDW (2009) Part 6</p>
<p>WATERS - Surface, Ground waters and Landfill Leachates</p>	<p><u>Chemical and Physical Tests</u></p> <p>Alkalinity</p>	<p>Documented In-House Methods in the series PA/IHT/0000 as listed below</p> <p>PA/IHT/4207 using auto-titration</p>



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WATERS - Surface, Ground waters and Landfill Leachates (cont'd)	<u>Chemical and Physical Tests</u>	Documented In-House Methods in the series PA/IHT/0000 as listed below
	Ammonium	PA/IHT/4520 using Hach sealed tube methodology PA/IHT/4101 by Spectrophotometry
	Biochemical Oxygen Demand (BOD)	PA/IHT/4514
	Cadmium	PA/IHT/4509 using AAS
	Calcium	PA/IHT/4507 using AAS
	Chemical Oxygen Demand (COD)	PA/IHT/4513 using acid digestion PA/IHT/4519 using Hach sealed tube methodology
	Chloride	PA/IHT/4102 by Ion Chromatography
	Chromium	PA/IHT/4509 using AAS
	Copper	PA/IHT/4509 using AAS
	Copper (total)	PA/IHT/4517 by AAS
	Electrical Conductivity	PA/IHT/4204
	Iron	PA/IHT/4509 using AAS
	Lead	PA/IHT/4509 using AAS
	Magnesium	PA/IHT/4507 using AAS
	Manganese	PA/IHT/4509 using AAS
	Nickel	PA/IHT/4509 using AAS
	Nitrate	PA/IHT/4102 by Ion Chromatography
Nitrite	PA/IHT/4104 by Spectrophotometry	
pH	PA/IHT/4203	



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WATERS - Surface, Ground waters and Landfill Leachates (cont'd)	<u>Chemical and Physical Tests</u> (cont'd)	Documented In-House Methods in the series PA/IHT/0000 as listed below (cont'd)
	Phosphate	PA/IHT/4102 by Ion Chromatography
	Potassium	PA/IHT/4009 using flame photometry
	Sodium	PA/IHT/4009 using flame photometry
	Sulphate	PA/IHT/4102 by Ion Chromatography
	Suspended Solids	PA/IHT/4512 using gravimetry
	Total Organic Carbon (TOC)	PA/IHT/4521 using Hach sealed tube methodology
	Zinc	PA/IHT/4509 using AAS
	Antimony	PA/IHT/4524 using ICP-AES
	Arsenic	
	Barium	
	Boron	
	Cadmium	
	Calcium	
	Chromium	
	Cobalt	
	Copper	
Iron		
Lead		
Magnesium		
Manganese		
Molybdenum		
Nickel		
Phosphorus		
Potassium		
Selenium		
Sodium		
Thallium (excluding landfill leachates)		
Tin		
Titanium		
Vanadium		
Zinc		
Total Hardness by calculation		



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WATER	<u>Chemical Tests</u>	Documented In-House Methods in the series PA/IHT/0000 as listed below
Potable water	Alkalinity	PA/IHT/4207 using auto titration
	Aluminium	PA/IHT/4001 by Spectrophotometry
	Ammonium	PA/IHT/4101 by Spectrophotometry
	Calcium	PA/IHT/4006 by Flame AAS
	Chloride	PA/IHT/4102 by Ion Chromatography
	Colour	PA/IHT/4208 by Spectrophotometry
	Copper	PA/IHT/4008 by Flame AAS
	Electrical Conductivity	PA/IHT/4204
	Iron	PA/IHT/4010 by Spectrophotometry
	Lead	PA/IHT/4005 by ETA-AAS
	Magnesium	PA/IHT/4006 by Flame AAS
	Manganese	PA/IHT/4005 by ETA-AAS PA/IHT/4008 by FAAS
	Nitrate	PA/IHT/4102 by Ion Chromatography
	Nitrite	PA/IHT/4104 by Spectrophotometry
	pH	PA/IHT/4203
	Potassium	PA/IHT/4009 by FP
	Sodium	PA/IHT/4009 by FP
	Sulphate	PA/IHT/4102 by Ion Chromatography
	Total Dissolved Solids and Total Solids	PA/IHT/4222



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Schedule of Accreditation
issued by
United Kingdom Accreditation Service
21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

Aberdeen City Council

Issue No: 028 Issue date: 08 August 2011

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATER (cont'd) Potable (cont'd)	<u>Chemical Tests</u> (cont'd) Total Hardness Turbidity Zinc Aluminium Antimony Arsenic Boron Cadmium Calcium Chromium Copper Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Sodium Zinc Total Hardness by calculation	PA/IHT/4206 by Titration PA/IHT/4205 by Nephelometry PA/IHT/4008 by Flame AAS PA/IHT/4523 using ICP-AES
WATERS Swimming Pool	<u>Chemical Tests</u> Total, Combined and Free Chlorine Total Dissolved Solids and Total Solids	PA/IHT/4219 PA/IHT/4222
WATER Raw, potable and recreational waters	<u>Microbiology Tests</u> Enumeration: Heterotrophic Colony Count Total Coliforms and <i>Escherichia coli</i>	Documented In house methods based on/incorporating published procedures in The Microbiology of Drinking Water (MDW) PA/IHT/7001 by pour plate technique based on MDW (2007) Part 7 PA/IHT/7401 by membrane filtration and PA/IHT/7404 by Colilert based on MDW (2002) Part 4



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
WATER Raw, potable and recreational waters (cont'd)	<u>Microbiology Tests</u> Enumeration: <i>Pseudomonas aeruginosa</i> Sulphite-Reducing Clostridia and <i>Clostridium perfringens</i> <i>Enterococci</i> Detection of: <i>Escherichia coli</i> O157:H7 Enumeration of: Coagulase-positive staphylococci in pool and spa waters	Documented In house methods based on/incorporating published procedures in The Microbiology of Drinking Water (MDW) PA/IHT/7601 by membrane filtration based on MDW (2002) Part 8 PA/IHT/7602 by membrane filtration based on MDW (2007) Part 6 PA/IHT/7604 by membrane filtration based on MDW (2006) Part 5 PA/IHT/7605 by immuno-magnetic separation based on MDW (2002) Part 4 PA/IHT/7606 by membrane filtration (a customer specified method)
	END	