

# Schedule of Accreditation



Organisation Name Public Analyst's Laboratory Galway  
Trading As  
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Accreditation Standard ISO 17025 T  
Date Initially Awarded 05/05/2002  
Scope Classification Chemical testing

Services available to the public<sup>1</sup>

<sup>1</sup> Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	Address
1	Public Analyst's Laboratory, Galway	Seamus Quirke Road, Galway, Galway, H91 Y952

# Scope of Accreditation

Public Analyst's Laboratory, Galway

Chemical Testing

Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
751 Food testing - .02 Nutritional analysis	Additives in Food by HPLC Analysis <sup>1 2 3</sup>	Folic Acid	2-160µg/100ml (Milk & Non-alcoholic beverages) 10-1000µg/100g (Dairy Spreads & Fat & Oil Spreads) 6-1000µg/100g (Cereal & bakery products, babyfood, body building foods) 400µg-512mg /100g (Food Supplements)	Milk, Dairy Spreads, Spreads, Cereals & bakery products, Non-alcoholic Beverages, Babyfoods, Body Building Foods, Food Supplements	Liquid Chromatography - Mass Spectroscopy (LC-MS)	Laboratory Method 1/42
			40-5000µg/g	Vitamins and Food Supplements	High Performance Liquid Chromatography with UV Detection	Laboratory method 1/43, Based on USP Monograph for Oil and Water Soluble Vitamins with Minerals Capsules
	Fat	Fat	0.4-100% m/m	Dairy Products Eggs and Egg Products Meat & Meat Products, Game & Poultry Fish, Shellfish & Molluscs Fats & Oils Soups, broths and sauces Cereals & bakery products Ices & desserts Cocoa & cocoa preparations, coffee, tea (except those containing sugars or starchy products with low fat levels) Confectionery Nuts & nut products, snacks Prepared Dishes (except those containing high sugars or starchy products with low fat levels) Foodstuffs intended for special nutritional uses	Werner Schmid procedure, Acid Hydrolysis	Laboratory Method 1/5 using Werner Schmid Procedure Acid Hydrolysis/ extraction

	Nitrogen	Nitrogen	0.01 - 37% m/m	Dairy Products Egg & egg products Meat & meat products, game & poultry Fish, Shellfish & Molluscs Fats & oils Soups, broths and sauces Cereals & bakery products Fruit & Vegetables Herbs & spices Non-alcoholic beverages Wine Alcoholic Beverages Ices & desserts Cocoa & cocoa preparations, coffee & tea Confectionery Nuts & nut products, snacks Prepared Dishes Foodstuffs intended for special nutritional uses Additives Others- including high protein foodstuffs	Kjedahl Method	Laboratory Method 1/14
	Protein	Protein	0.6 -100%	Dairy Products Egg & egg products Meat & meat products, game & poultry Fish, Shellfish & Molluscs Fats & oils Soups, broths and sauces Cereals & bakery products Fruit & Vegetables Herbs & spices Non-alcoholic beverages Wine Alcoholic Beverages Ices & desserts Cocoa & cocoa preparations, coffee & tea Confectionery Nuts & nut products, snacks Prepared Dishes Foodstuffs intended for special nutritional uses Additives Others- including high protein foodstuffs	Calculation from Nitrogen result	Laboratory Method 1/14
751 Food testing - .03 Compositional analysis	Additives in Food by HPLC Analysis <sup>1 2 3</sup>	Benzoic Acid	10-500mg/L (Liquids) 75-3000mg/kg (Solids)	Dairy Products Egg & egg products Fish, Shellfish & Molluscs Soups, broths and sauces Cereals & bakery products Fruit & Vegetables Non-alcoholic beverages Wine Alcoholic Beverages Ices & desserts Confectionery Prepared Dishes Foodstuffs intended for special nutritional uses Additives	High Performance Liquid Chromatography	Laboratory Method 1/55
		Folic Acid	2-160µg/100ml (Milk & Non-	Milk Dairy Spreads,		

			alcoholic beverages) 10-1000µg/100g (Dairy Spreads & Spreads) 6-1000µg/100g (Cereal & bakery products) 30-1000µg/100g (Babyfoods)	Spreads Cereals & bakery products Non-alcoholic Beverages Babyfoods	Mass Spectroscopy (LC-MS)	
			40-5000µg/g	Vitamins and Food Supplements	High Performance Liquid Chromatography with UV Detection	Laboratory method 1/43, Based on USP Monograph for Oil and Water Soluble Vitamins with Minerals Capsules
	Sorbic Acid		10-500mg/L (Liquids) 75-3000mg/kg (Solids)	Dairy Products Egg & egg products Fish, Shellfish & Molluscs Soups, broths and sauces Cereals & bakery products Fruit & Vegetables Non-alcoholic beverages Wine Alcoholic Beverages Ices & desserts Confectionery Prepared Dishes Foodstuffs intended for special nutritional uses Additives	High Performance Liquid Chromatography	Laboratory Method 1/55
Ash	Ash		0.2-100%m/m	Dairy Products Egg & egg products Meat & meat products, game & poultry Fish, Shellfish & Molluscs Fats & oils Soups, broths and sauces Cereals & bakery products Fruit & Vegetables Herbs & spices Non-alcoholic beverages Wine Alcoholic Beverages Ices & desserts Cocoa & cocoa preparations, coffee & tea Confectionery Nuts & nut products, snacks Prepared Dishes Foodstuffs intended for special nutritional uses Additives Others- including high protein foodstuffs	Gravimetric	Laboratory Method 1/12
Moisture	Moisture		0.5-100%m/m	Dairy Products Egg & egg products Meat & meat products, game & poultry (excluding sausages + high fat meat products) Fish, Shellfish & Molluscs Fats & oils (Butter and	Gravimetric	Labroatory Method 1/18

			Fats only) Soups, broths and sauces Cereals & bakery products Fruit & Vegetables Ices & desserts Cocoa & cocoa preparations, coffee & tea Confectionery (excluding syrups and sugars) Nuts & nut products, snacks Prepared Dishes Foodstuffs intended for special nutritional uses Additives		
Nitrogen	Nitrogen	0.01 - 37% m/m	Dairy Products Egg & egg products Meat & meat products, game & poultry Fish, Shellfish & Molluscs Fats & oils Soups, broths and sauces Cereals & bakery products Fruit & Vegetables Herbs & spices Non-alcoholic beverages Wine Alcoholic Beverages Ices & desserts Cocoa & cocoa preparations, coffee & tea Confectionery Nuts & nut products, snacks Prepared Dishes Foodstuffs intended for special nutritional uses Additives Others- including high protein foodstuffs	Kjedahl Method	Laboratory Method 1/14
pH	pH	2-12 pH Units	Dairy Products Fruit & Vegetables Non-alcoholic beverages Wine Alcoholic beverages Confectionery	Electrometry	Laboratory Method 1/19
Potassium <sup>3</sup>	Potassium	0.01 - 10.0%	Dairy Products, Meat & Meat Products, Game and Poultry, Fish, Shellfish and Molluscs, Fats and Oils, Soups Broths and Sauces, Cereals and Bakery Products, Processed, Salted Vegetables, Nut & Nut Products, Snack foods, Prepared Meals, Foodstuffs intended for special nutritional uses	Flame Photometry	Laboratory Method 1/40
Protein	Protein	0.6 -100%	Dairy Products Egg & egg products Meat & meat products, game & poultry Fish, Shellfish & Molluscs Fats & oils Soups, broths and sauces Cereals & bakery products	Calculation from Nitrogen result	Laboratory Method 1/14

				Fruit & Vegetables Herbs & spices Non-alcoholic beverages Wine Alcoholic Beverages Ices & desserts Cocoa & cocoa preparations, coffee & tea Confectionery (excluding syrups and sugars) Nuts & nut products, snacks Prepared Dishes Foodstuffs intended for special nutritional uses Additives		
	Refractive Index	Refractive Index	1.32 -1.56	Fats & Oils Soups, Broths & Sauces Non-alcoholic beverages Preserves	Refractometry	Laboratory Method 1/17
	Sodium <sup>3</sup>	Sodium	0.01-10.0%	Dairy Products, Meat & Meat Products, Game and Poultry, Fish, Shellfish and Molluscs, Fats and Oils, Soups Broths and Sauces, Cereals and Bakery Products, Processed, Salted Vegetables, Nut & Nut Products, Snackfoods, Prepared Meals, Foodstuffs intended for special nutritional uses	Flame Photometry	Laboratory Method 1/40
	Soluble Solids as Sucrose	Soluble Solids as Sucrose	0 -85% w/w	Fats & Oils Soups, Broths & Sauces Non-alcoholic beverages Preserves	Refractometry	Laboratory Method 1/17
	Sulphur Dioxide / Sulphites	Sulphur Dioxide	10-4500 mg/kg or /L	Meat & Meat Products, Game & Poultry Fish, Shellfish & Molluscs Soups, broths and sauces Fruit & Vegetables Non-alcoholic beverages Wine Alcoholic Beverages Confectionery Foodstuffs intended for special nutritional uses Additives	Tanner Method - Distillation	Laboratory Method 1/50 , Tanner Method, Distillation
	Titrateable Acidity	Titrateable Acidity	1.4 -3.0ml of 0.1N NaOH/10ml	Milk	Titration	Laboratory Method 1/7 based on BS1741:1989 Section 10.1 and ISO6091:1980
	Total Solids	Total Solids	1-15% m/m	Milk and Cream	Gravimetric	Laboratory Method 1/1
751 Food testing - .04 Adulteration	Contaminants in Food by HPLC Analysis <sup>1 2 3</sup>	Cadaverine	10-3700mg/kg	Cheese Fish, Crustaceans & molluscs	High Performance Liquid Chromatography	Laboratory Method 1/36, based on JAOAC Vol. 78, No.4, 1995

		Histamine	10-3700mg/kg	Cheese Fish, Crustaceans & molluscs	High Performance Liquid Chromatography	Laboratory Method 1/36, based on JAOAC Vol. 78, No.4, 1995
		Putrescine	10-3700mg/kg	Cheese Fish, Crustaceans & molluscs	High Performance Liquid Chromatography	Laboratory Method 1/36, based on JAOAC Vol. 78, No.4, 1995
		Tyramine	10-3700mg/kg	Cheese Fish, Crustaceans & molluscs	High Performance Liquid Chromatography	Laboratory Method 1/36, based on JAOAC Vol. 78, No.4, 1995
	Extraneous Water	Extraneous Water	0.5 to 16%	Milk	Calculation from Freezing Point Depression.	Laboratory Method 1/6A based on IS EN ISO5764:2009
	Foreign Objects	Foreign Objects		Dairy Products Egg & egg products Meat & meat products, game & poultry Fish, Shellfish & Molluscs Fats & oils Soups, broths and sauces Cereals & bakery products Fruit & Vegetables Herbs & spices Non-alcoholic beverages Wine Alcoholic Beverages Ices & desserts Cocoa & cocoa preparations, coffee & tea Confectionery Nuts & nut products, snacks Prepared Dishes Foodstuffs intended for special nutritional uses Additives Others	Physical, Chemical and Microscopical examination	Laboratory Method 1/80
	Freezing Point Depression	Freezing Point Depression	-422 to -621m° H	Milk	Cryoscope	Laboratory Method 1/6A based on IS EN ISO5764:2009
	Sulphur Dioxide / Sulphites	Sulphur Dioxide	10-45000 mg/kg or /L	Meat & Meat Products, Game & Poultry Fish, Shellfish & Molluscs Soups, broths and sauces Fruit & Vegetables Non-alcoholic beverages Wine Alcoholic Beverages Confectionery Foodstuffs intended for special nutritional uses Additives	Tanner Method - Distillation	Laboratory Method 1/50 , Tanner Method, Distillation
751 Food testing - .06 Allergens	Gluten <sup>1 2 3</sup>	Gluten	10-25000mg/kg	Confectionery Cereals & bakery products Foodstuffs intended for special nutritional uses including babyfood	Enzyme Linked Immunosorbent Assay (ELISA), Gliadin Kit	Laboratory Method 1/31A

	Peanut <sup>1 2 3</sup>	Peanut	2.5-20ppm	Confectionery (Chocoate) Cereals & bakery products (Biscuits)	Enzyme Linked Immunsorbent Assay (ELISA), FAST Peanut Kit	Laboratory Method 1/41
	Sulphur Dioxide / Sulphites	Sulphur Dioxide	10-45000 mg/kg or /L	Meat & Meat Products, Game & Poultry Fish, Shellfish & Molluscs Soups, broths and sauces Fruit & Vegetables Non-alcoholic beverages Wine Alcoholic Beverages Confectionery Foodstuffs intended for special nutritional uses Additives	Tanner Method - Distillation	Laboratory Method 1/50 , Tanner Method, Distillation
752 Chemical residue testing - .02 Elements	Elements in Food <sup>1 2 3</sup>	Arsenic	0.2-100mg/kg	Food and Drink	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion	Laboratory Method 1/24
		Cadmium	0.2-100mg/kg	Food and Drink	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion	Laboratory Method 1/24
		Chromium	0.25-100mg/kg	Food and Drink	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion	Laboratory Method 1/24
		Lead	0.2-100mg/kg	Food and Drink	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion	Laboratory Method 1/24
		Nickel	0.5-100mg/kg	Food and Drink	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion	Laboratory Method 1/24
		Selenium	0.2-100mg/kg	Food and Drink	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion	Laboratory Method 1/24
		Metals in Cosmetics	Arsenic	0.5-500mg/kg	Cosmetics	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion
	Cadmium		0.5-500mg/kg	Cosmetics	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion	Laboratory Method 4/1
	Chromium		0.5-500mg/kg	Cosmetics	Inductively Couple Plasma- Mass Spectrometry (ICP- MS) with Microwave Digestion	Laboratory Method 4/1
	Lead		0.6-500mg/kg	Cosmetics	Inductively Couple Plasma- Mass Spectrometry (ICP-	Laboratory Method 4/1



					MS) with Microwave Digestion	
		Nickel	1.2-1000mg/kg	Cosmetics	Inductively Couple Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 4/1
756 Drugs and pharmaceuticals - .01 Identification of pharmaceutical samples	Identification by Absorption Spectrophotometry <sup>3</sup>	Identification by Absorption Spectrophotometry		Pharmaceutical Samples	UV/VIS Spectrometry	Laboratory Method 3/6, Based on Customer Supplied Methods or European, British or United States Pharmacopoeia
	Identification by High Performance Liquid Chromatography <sup>3</sup>	Identification by High Performance Liquid Chromatography		Pharmaceutical Samples	High Performance Liquid Chromatography	Laboratory Method 3/5, Based on Customer Supplied Methods or European, British or United States Pharmacopoeia
756 Drugs and pharmaceuticals - .02 Quantification of pharmaceutical samples	Assay by Absorption Spectrophotometry <sup>1 3</sup>	Assay by Absorption Spectrophotometry	% of Labelled Content	Pharmaceutical Samples	UV/VIS Spectrometry	Laboratory Method 3/6, Based on Customer Supplied Methods or European, British or United States Pharmacopoeia
	Assay by High Performance Liquid Chromatography <sup>1 3</sup>	Assay by High Performance Liquid Chromatography	% of Labelled Content	Pharmaceutical Samples	High Performance Liquid Chromatography	Laboratory Method 3/5, Based on Customer Supplied Methods or European, British or United States Pharmacopoeia
	Disintegration	Disintegration		Pharmaceutical Samples (Tablets /Capsules/Granules)	Disintegration Apparatus	Laboratory Method 3/4, Based on European, British or United States Pharmacopoeia
	Dissolution <sup>1 3</sup>	Dissolution	% of Labelled Content	Pharmaceutical Samples- Solid Oral Dosage Units	Dissolution Apparatus with High Performance Liquid Chromatography or UV/Vis Spectrometry	Laboratory Method 3/9, Based on Customer Supplied Methods or European, British or United States Pharmacopoeia

	pH	pH	1-13 pH Units	Pharmaceutical Samples	Electrometry	Laboratory Method 3/8
	Subdivision of Tablets	Uniformity of Mass-Subdivision of Tablets	10mg-100g	Pharmaceutical Samples	Gravimetric	Laboratory Method 3/2 , Based on European or British Pharmacopoeia
	Uniformity of content of single dose preparations <sup>1 3</sup>	Assay by Absorption Spectrophotometry or High Performance Liquid Chromatography	% of Labelled Content	Pharmaceutical Samples	UV/VIS Spectrometry or High Performance Liquid Chromatography	Laboratory Method 3/7, Based on Customer Supplied Methods or European or British Pharmacopoeia
	Uniformity of Dosage Units <sup>1 3</sup>		% of Labelled Content	Pharmaceutical Samples	UV/VIS Spectrometry or High Performance Liquid Chromatography	Laboratory Method 3/7, Based on Customer Supplied Methods or European, British or United States Pharmacopoeia
	Uniformity of Mass of Delivered Doses from Multi-Dose Containers	Uniformity of Mass	10mg-100g	Pharmaceutical Samples	Gravimetric	Laboratory Method 3/2 , Based on European or British Pharmacopoeia
	Uniformity of Mass of Single Dose Preparations		10mg-100g	Pharmaceutical Samples	Gravimetric	Laboratory Method 3/2 , Based on European or British Pharmacopoeia
766 Environmental testing (inc waters) - .04 Organic	Volatile Organic Compounds <sup>1</sup>	Tetrachloroethene	2-75 µg/L	Waters for Potable and Domestic PurposesBore Waters, Other Waters - Bottled Waters	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
	Volatile Organic Compounds <sup>1</sup>	1,2 Dichloroethane	0.3-45 µg/L	Waters for Potable and Domestic PurposesBore Waters, Other Waters - Bottled Waters	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
		Benzene	0.25 - 31.25 µg/L	Waters for Potable and Domestic PurposesBore Waters, Other Waters, Bottled Waters	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
		Bromodichloromethane	1-150 µg/L	Waters for Potable and Domestic PurposesBore Waters, Other Waters - Bottled Waters	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of Waters and

						Waste Waters 6200B
		Bromoform	1-150 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Bottled Waters	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
		Chloroform	3-450 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Bottled Waters	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
		Dibromochloromethane	1-150 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Bottled Waters	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
		Trichloroethene	2-75 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Bottled Waters	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
766 Environmental testing (inc waters) - .05 Inorganic	Ammonium <sup>1</sup>	Ammonium	0.03 - 1.6mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters	Aquakem- Automated Salicylate Method	Laboratory Method 2/37
	Chloride <sup>1</sup>	Chloride	20-1000mg/L	Waters for Potable and Domestic Purposes, Drinking Waters Bore Waters, Other Waters -Bottled Waters	Aquakem Discrete analyser	Laboratory Method 2/30 Based on Standard Methods for Examination of Waters and Waste Waters Method 4500Cl
	Colour <sup>1</sup>	Colour	2.0 -500mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters Bathing Waters (Saline waters and waters other than saline)	Spectroscopy @400nm	Laboratory Method 2/6
	Conductivity <sup>1</sup>	Conductivity	10-6000 µS/cm	Water for potable and domestic purposes Drinking Waters Bottled Waters	Electrometry	Laboratory Method 2/8, Based on S.M. for Examination of Waters and Waste Waters 2510A
	Flouride <sup>1</sup>	Fluoride	100-5000µg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters	Ion Chromatography	Laboratory Method 2/25, Based on S.M. for Examination of Waters and Waste Waters 4100B

Free and Total Chlorine <sup>1</sup>	Free and Total Chlorine	0.02 - 50mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters Other Waters - Swimming Pool & Jacuzzi	Colourimetry	Laboratory Method 2/10, Based on S.M. for Examination of Waters and Waste Waters 4500-CL
Nitrite <sup>1</sup>	Nitrite	0.02-1.0mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters	Aquakem- Automated Salicylate Method	Laboratory Method 2/37, Based on S.M. of Examination of Waters and Waste Waters 4500-NO2 B
pH	pH	3.0 - 10.0 pH Units	Water for potable and domestic purposes Drinking Waters Bottled Waters Bathing Waters (Saline waters and waters other than saline)	Electrometry	Laboratory Method 2/9, Based on S.M. for Examination of Waters and Waste Waters 4500-HB
Sulphate <sup>1</sup>	Sulphate	20-1000mg/L	Waters for Potable and Domestic Purposes, Drinking Waters, Bore Waters, Other Waters -Bottled Waters	Aquakem Discrete analyser	Laboratory Method 2/30 Based on Standard Methods for Examination of Waters and Waste Waters Method 4500 SO4
Total Alkalinity <sup>1</sup>	Total Alkalinity	20-1000mg/L	Waters for Potable and Domestic Purposes, Drinking Waters, Bore Waters, Other Waters -Bottled Waters	Aquakem Discrete analyser	Laboratory Method 2/30 Based on Standard Methods for Examination of Waters and Waste Waters Method 2320B
Total Hardness <sup>1</sup>	Total Hardness	20-1000mg/L	Waters for Potable and Domestic Purposes, Drinking Waters, Bore Waters, Other Waters -Bottled Waters	Aquakem Discrete analyser	Laboratory Method 2/30 Based on Standard Methods for Examination of Waters and Waste Waters Method 2340C
Total Oxidised Nitrogen <sup>1</sup>	Total Oxidised Nitrogen	2.0-80.0mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters	Aquakem- Automated Salicylate Method	Laboratory Method 2/37, Based on S.M. of Examination of Waters and Waste Waters 4500 NO3 H
Trace Metals <sup>1</sup>	Cadmium	0.1 - 5.0µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
Trace Metals <sup>1</sup>	Iron	20-1000 µg/L	Waters for Potable and Domestic Purposes Bore Waters,	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US

			Other Waters - Dialysis Waters, Bottled Waters		EPA Method 200.8
	Lead	4-200 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
Trace Metals <sup>1</sup>	Aluminium	20-500 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
	Arsenic	4-200 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
	Boron	20-500 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
	Chromium	4-200 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
	Copper	40-2000 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
	Manganese	20-1000 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
	Nickel	4-200 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
	Selenium	4-200 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
	Zinc	40-2000 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8
Turbidity <sup>1</sup>	Turbidity	0.2 - 500 N.T.U.	Water for potable and domestic purposes Drinking Waters Bottled Waters	Nephelometry-Formazin	Laboratory Method 2/7, Based on S.M. for Examination of Waters and Waste Waters 2130B

*\*\*The laboratory has been awarded flexible scope in the ST3CRM categories as noted in the scope document and in accordance with the laboratories approved and documented procedures.  
Note 1 - Range may be extended for the test*

*Note 2 – New parameters / tests may be added*

*Note 3 – New matrices may be added*

*For further details please refer to the laboratories 'Master list of Flexible scope changes', available directly from the laboratory.*