

Schedule of Accreditation



Organisation Name	Public Analyst's Laboratory Galway
Trading As	
INAB Reg No	9T
Contact Name	Helena McGrath
Address	University College Hospital, Seamus Quirke Road, Galway
Contact Phone No	091-581122
Email	helena.mcgrath@hse.ie
Website	
Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	12/12/1989
Scope Classification	Chemical testing
Services available to the public ¹	

¹ 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, Ireland, 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 **1,2,3,4	Folic Acid	2 to 160µg/100ml (Milk & Non-alcoholic beverages) 10 to 1000µg/100g (Dairy Spreads & Fat & Oil Spreads) 6 to 1000µg/100g (Cereal & bakery products, babyfood, body building foods) 400µg to 512mg /100g (Food Supplements) 40 to 10,000µg/g (Vitamins and Food Supplements)	Milk, Dairy Spreads, Spreads, Cereals & bakery products, Non-alcoholic Beverages, Babyfoods, Body Building Foods, Food Supplements	Liquid Chromatography (HPLC /uHPLC) with Mass Spectroscopy (LC-MS)	Laboratory Method 1/42
	*Additives in Food by HPLC Analysis **1,2,3,4		40 to 10,000 µg/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

751 Food testing - .03 Compositional analysis	*Additives in Food by HPLC Analysis **1,2,3,4	Benzoic Acid	10 to 500mg/L (Liquids) 75 to 3000mg/kg (Solids)	Food and Drink	High Performance Liquid Chromatography	Laboratory Method 1/55
		Folic Acid	40 to 10,000 µg/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 to 500mg/L (Liquids) 75 to 3000mg/kg (Solids)	Food and Drink	High Performance Liquid Chromatography	Laboratory Method 1/55
	*Additives in Food by HPLC Analysis **1,2,3,4	Folic Acid	2 to 160µg/100ml (Milk & Non- alcoholic beverages) 10 to 1000µg/100g (Dairy Spreads & Fat & Oil Spreads) 6 to 1000µg/100g (Cereal & bakery products, babyfood, body building foods) 400µg to 512mg /100g (Food Supplements) 40 to 10,000 µg/g (Vitamins and 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
	*pH **4	pH	2-12 pH Units	Dairy Products Fruit & Vegetables Non-alcoholic beverages Wine Alcoholic beverages Confectionery	Electrometry	Laboratory Method 1/19
	*Potassium **1,2,3,4	Potassium	0.01 to 10.0%	Food and Drink	Flame Photometry	Laboratory Method 1/40

*Refractive Index **1,3,4	Refractive Index	1.32 -1.56	Fats & Oils Soups, Broths & Sauces Non-alcoholic beverages Preserves	Refractometry	Laboratory Method 1/17
*Sodium **1,2,3,4	Sodium	0.01-39.0%	Food and Drink	Flame Photometry	Laboratory Method 1/40
*Soluble Solids as Sucrose **3,4	Soluble Solids as Sucrose	0 -85% w/w	Fats & Oils Soups, Broths & Sauces Non-alcoholic beverages Preserves	Refractometry	Laboratory Method 1/17
*Sugars in Food **1,2,4	Sucrose Glucose Fructose Maltose Galactose Lactose	Sucrose 0.005g/100g to 70g/100g Glucose 0.005g/100g to 60g/100g Galactose 0.005g/100g to 40g/100g Fructose 0.005g/100g to 40g/100g Lactose 0.005g/100g to 40g/100g Maltose 0.005g/100g to 40g/100g (or ml/100ml)	Food and Drink	Ion-chromatography (IC)	In-House Laboratory Method
*Sulphur Dioxide / Sulphites **1,3,4	Sulphur Dioxide	10-4500 mg/kg or /L	Food and Drink	Tanner Method - Distillation	Laboratory Method 1/50 , Tanner Method, Distillation
Moisture **4	Moisture	0.5-100%m/m	Food and Drink	Gravimetric	Labroatory Method 1/18
Titratable Acidity **4	Titratable Acidity	1.4 -3.0mml of 0.1N NaOH/10ml	Milk	Titration	Laboratory Method 1/7 based on

						BS1741:1989 Section 10.1 and ISO6091:1980
751 Food testing - .04 Adulteration	*Contaminants in Food by HPLC Analysis **1,2,3,4	Tyramine	10 to 3700mg/kg	Cheese Fish, Crustaceans & molluscs, Fish Products/ Sauces	High Performance Liquid Chromatography	Laboratory Method 1/36, based on JAOAC Vol. 78, No.4, 1995
	*Contaminants in Food by HPLC Analysis **1,2,3,4	Cadaverine	10 to 3700mg/kg	Cheese Fish, Crustaceans & molluscs, Fish Products/ Sauces	High Performance Liquid Chromatography	Laboratory Method 1/36, based on JAOAC Vol. 78, No.4, 1995
		Histamine	10 to 3700mg/kg	Cheese Fish, Crustaceans & molluscs, Fish Products/ Sauces	High Performance Liquid Chromatography	Laboratory Method 1/36, based on JAOAC Vol. 78, No.4, 1995
		Putrescine	10 to 3700mg/kg	Cheese Fish, Crustaceans & molluscs, Fish Products/ Sauces	High Performance Liquid Chromatography	Laboratory Method 1/36, based on JAOAC Vol. 78, No.4, 1995
	*Detection of Irradiated Foods **4	Irradiation	Screening Positive, Intermediate, Negative	Foods	Photo-Stimulated Luminescence (PSL)	Based on IS EN 13751:2009
	*Foreign Objects **4	Foreign Objects		Foreign objects, Food and Drink,	Physical, Chemical and Microscopical examination	Laboratory Method 1/80
*Sugars in Food **1,2,4	Sucrose Glucose Fructose Maltose Galactose Lactose	Sucrose 0.005g/100g to 70g/100g Glucose 0.005g/100g to 60g/100g Galactose 0.005g/100g to 40g/100g Fructose	Food and Drink	Ion-chromatography (IC)	In-House Laboratory Method 1/37	

			0.005g/100g to 40g/100g Lactose 0.005g/100g to 40g/100g Maltose 0.005g/100g to 40g/100g (or ml/100ml)			
	*Sulphur Dioxide / Sulphites **1,3,4	Sulphur Dioxide	10 to 45000 mg/kg or /L	Food and Drink	Tanner Method - Distillation	Laboratory Method 1/50 , Tanner Method, Distillation
	Extraneous Water	Extraneous Water	0.5 to 16%	Milk	Calculation from Freezing Point Depression.	Laboratory Method 1/6A based on IS EN ISO5764:2009
	Freezing Point Depression **4	Freezing Point Depression	-422 to -621 m° H	Milk	Cryoscope	Laboratory Method 1/6A based on IS EN ISO5764:2009
751 Food testing - .06 Allergens	*Casein	Casein	0.5 to 112,500 mg/kg	Food and Drink	Enzyme Linked Immunosorbent Assay (ELISA), Casein Kit	Laboratory Method 1/39
	*Egg	Egg	0.25 to 10,000 mg/kg	Food and Drink	Enzyme Linked Immunosorbent Assay (ELISA), Egg Kit	Laboratory Method 1/38
	*Gluten**1,2,3,4	Gluten	10 to 25000mg/kg	Foods and Drink (excluding fermented-hydrolyzed foods)	Enzyme Linked Immunosorbent Assay (ELISA), Gliadin Kit	Laboratory Method 1/31A
	*Peanut**1,2,3,4	Peanut	0.75 to 25,000 mg/kg	Food and Drink	Enzyme Linked Immunosorbent Assay (ELISA), Peanut Kit	Laboratory Method 1/41
	*Sulphur Dioxide / Sulphites **1,3,4	Sulphur Dioxide	10-45000 mg/kg or /L	Food and Drink	Tanner Method - Distillation	Laboratory Method 1/50 , Tanner Method, Distillation
752 Chemical residue testing - .02 Elements	*Elements in Food **1,2,3,4	Selenium	0.2 to 100mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24

*Elements in Food **1,2,3,4	Arsenic	0.2 to 100mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24
	Cadmium	0.2 to 100mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24
	Chromium	0.25 to 100mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24
	Lead	0.2 to 100mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24
	Nickel	0.5 to 100mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24
*Elements in Food**1,2,3,4	Calcium	100 to 111,000 Ca mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24-Ca
	Mercury	0.04 to 1mg Hg /kg			Laboratory Method 1/24- Hg
	Cobalt	0.01 to 1.00 mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
	Iron	6 to 12,500 mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A

	Magnesium	8 to 70,000 mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
	Molybdenum	0.2 to 70 mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
	Zinc	2 to 10,000 mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
*Elements in Food**1,2,3,4	Manganese	0.2 to 1500 mg/kg	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
*Metals in Cosmetics **1,2,3,4	Arsenic	0.5 to 500mg/kg	Cosmetics	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 4/1
	Chromium	0.5 to 500mg/kg	Cosmetics	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 4/1
	Lead	0.6 to 500mg/kg	Cosmetics	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 4/1
	Nickel	1.2 to 1000mg/kg	Cosmetics	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 4/1

	*Metals in Cosmetics **1,2,3,4	Cadmium	0.5 to 500mg/kg	Cosmetics	Inductively Coupled 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 **3,4	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 **3,4	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**1,3,4	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 **1,3,4	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 **4	Disintegration		Pharmaceutical Samples (Tablets /Capsules/Granules)	Disintegration Apparatus	Laboratory Method 3/4, Based on European, British or United States Pharmacopoeia
	*Dissolution **1,3,4	Dissolution	% of Labelled Content	Pharmaceutical Samples-Solid Oral Dosage Units	Dissolution Apparatus with High Performance Liquid	Laboratory Method 3/9, Based on Customer Supplied

					Chromatography or UV/Vis Spectrometry	Methods or European, British or United States Pharmacopoeia
	*pH **4	pH	1-13 pH Units	Pharmaceutical Samples	Electrometry	Laboratory Method 3/8
	*Subdivision of Tablets **4	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 **1,3,4	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 **1,3,4		% 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 **4	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 **4		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 **1,2,4	1,2 Dichloroethane	0.3 to 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
	Volatile Organic Compounds **1,4	Bromodichloromethane	1 to 150 µg/L	Waters for Potable and Domestic PurposesBore	Gas Chromatography - Mass Spectroscopy (GC-MS)	Laboratory Method 2/81, Based on S.M. of Examination of

			Waters, Other Waters - Bottled Waters		Waters and Waste Waters 6200B
	Bromoform	1 to 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 to 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 to 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
Volatile Organic Compounds **1	Total THMs (Chloroform, Bromodichloromethane, Dibromochloromethane, Bromoform)	6 to 900 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Bottled Waters	Addition	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
	Total Trichloroethene and Tetrachloroethene	4 to 150µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters - Bottled Waters	Addition	Laboratory Method 2/81, Based on S.M. of Examination of Waters and Waste Waters 6200B
Volatile Organic Compounds **1,4	Benzene	0.25 to 31.25 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

		Tetrachloroethene	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
	Volatile Organic Compounds **1,4	Trichloroethene	2 to 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 **1,4	Ammonium	0.03 to 1.6mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters	Aquakem- Automated Salicylate Method	Laboratory Method 2/37
	Chloride **1,4	Chloride	20 to 1000 mg/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 **1,4	Colour	2.0 to 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 **1,4	Conductivity	10 to 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**1,2,4	Fluoride	100 to 5000µg/L	Water for potable and domestic purposes	Ion Chromatography	Laboratory Method 2/25, Based on S.M. for Examination of

			Drinking Waters Bottled Waters		Waters and Waste Waters 4100B
Free and Total Chlorine **1,4	Free and Total Chlorine	0.02 to 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
Nitrate**1	Nitrate	2.0 to 80mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters	Calculation	Laboratory Method 2/37, Based on S.M. of Examination of Waters and Waste Waters 4500 NO3 H
Nitrite**1,4	Nitrite	0.02 to 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 **4	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 **1,4	Sulphate	20 to 1000 mg/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 **1,4	Total Alkalinity	20-1000mg/L	Waters for Potable and Domestic Purposes, Drinking Waters Bore Waters,	Aquakem Discrete analyser	Laboratory Method 2/30 Based on Standard Methods for Examination of Waters and Waste

			Other Waters - Bottled Waters		Waters Method 2320B
Total Hardness **1,2,4	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**1,4	Total Oxidised Nitrogen	2.0 to 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 **1,4	Arsenic	4 to 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 to 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 to 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
	Nickel	4 to 200 µg/L	Waters for Potable and Domestic Purposes Bore Waters, Other Waters -	Inductively Couple Plasma- Mass Spectrometry (ICP-MS)	Laboratory Method 2/46, Based on US EPA Method 200.8

			Dialysis Waters, Bottled Waters		
	Zinc	40 to 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
Trace Metals **1,2,4	Cadmium	0.1 to 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
	Iron	20 to 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
Trace Metals **1,4	Aluminium	20 to 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
	Copper	40 to 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
	Lead	4 to 200 µg/L	Waters for Potable and Domestic Purposes Bore Waters,	Inductively Couple Plasma- Mass Spectrometry (ICP- MS)	Laboratory Method 2/46, Based on US EPA Method 200.8

				Other Waters - Dialysis Waters, Bottled Waters		
		Manganese	20 to 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
		Selenium	4 to 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
	Turbidity **1,4	Turbidity	0.2 to 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

Note 4 - Equipment/kit

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