Schedule of Accreditation

Organisation Name	Public Analyst's Laboratory Galway
Trading As	
INAB Reg No	9T
Contact Name	Helena McGrath
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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 (Liquids) 6 to 3000µg/100g (Solids) 400µg to 512mg /100g (Food Supplements)	Foods, Food Supplements and Liquid Samples	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 (Liquids) 6 to 3000µg/100g (Solids) 400µg to 512mg /100g (Food Supplements)	Foods, Food Supplements and Liquid Samples	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 pH Meter	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	Sucrose 0.005g to 70g/100g or ml/100ml Glucose 0.005g to	Food and Drink	Ion-chromatography (IC)	In-House Laboratory Method

		Fructose Maltose Galactose Lactose Total Sugars	60g/100g or ml/100ml Fructose 0.005g to 40g/100g or ml/100ml Maltose 0.005g to 40g/100g or ml/100ml Galactose 0.005g to 40g/100g or ml/100ml Lactose 0.005g to 40g/100g or ml/100ml Total Sugars 0.005g to 100g/100g or ml/100ml		Total Sugars by Calculation	
	*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	Histamine Putrescine Cadaverine Tyramine	10 to 3700mg/kg for each listed amine	Cheese and Cheese Powder 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 Total Sugars	Sucrose 0.005g to 70g/100g or ml/100ml Glucose 0.005g to 60g/100g or ml/100ml Fructose 0.005g to 40g/100g or ml/100ml Maltose 0.005g to 40g/100g or ml/100ml Galactose 0.005g to 40g/100g or ml/100ml Lactose 0.005g to 40g/100g or ml/100ml Total Sugars 0.005g to 100g/100g or ml/100ml	Food and Drink	Ion-chromatography (IC) Total Sugars by Calculation	In-House Laboratory Method
	*Sulphur Dioxide / Sulphites **1,3,4	Sulphur Dioxide	10 to 4500 mg/kg or /L	Food and Drink	Tanner Method - Distillation	Laboratory Method 1/50 , Tanner Method, Distillation
	Ethyl Carbamate	Ethyl Carbamate	50 µg/L to 1400 µg/L	Alcoholic Beverages	Gas Chromatography Mass Spectroscopy (GC-MS)	Laboratory Method 1/44
	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 -621m° H	Milk	Cryoscope	Laboratory Method 1/6A based on IS EN ISO5764:2009
751 Food testing - .06 Allergens	*Allergens by ELISA **1,2,3,4	Almond	2.5 to 25,000 mg/kg	Food and Drink	Enzyme Linked Immunosorbent Assay (ELISA)	Laboratory Method 1/32

		Egg	0.25 to 10,000 mg/kg	Food and Drink	Enzyme Linked Immunosorbent Assay (ELISA), Egg Kit	Laboratory Method 1/38
		Gluten	10 to 25000mg/kg	Foods and Drink (excluding fermented-hydrolyzed foods)	Enzyme Linked Immunosorbent Assay (ELISA), Gliadin Kit	Laboratory Method 1/31A
		Peanut	0.75 to 25,000 mg/kg	Food and Drink	Enzyme Linked Immunosorbent Assay (ELISA), Peanut Kit	Laboratory Method 1/41
	*Allergens by ELISA *1,2,3,4	Casein	0.5 to 112,500 mg/kg	Food and Drink	Enzyme Linked Immunosorbent Assay (ELISA), Casein Kit .	Laboratory Method 1/39
	*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
752 Chemical residue testing - .02 Elements	*Elements in Food **1,2,3,4	Selenium	0.2 to 100mg/kg or /L	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 or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24
		Cadmium	0.2 to 100mg/kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24
		Chromium	0.25 to 100mg/kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24
		Lead	0.2 to 100mg/kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-	Laboratory Method 1/24

					MS) with Microwave Digestion	
		Nickel	0.5 to 100mg/kg or /L	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 Phosphorous Mercury	100 to 111,000 Ca mg/kg or /L 120 to 75,700 P mg/kg or /L 0.04 to 1mg Hg /kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24-CaP Laboratory Method 1/24- Hg
		Cobalt	0.01 to 1.00 mg/kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
		Iron	6 to 12,500 mg/kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
		Magnesium	8 to 70,000 mg/kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
		Manganese	0.2 to 1500 mg/kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A
		Molybdenum	0.2 to 70 mg/kg or /L	Food and Drink	Inductively Coupled Plasma- Mass Spectrometry (ICP-MS) with Microwave Digestion	Laboratory Method 1/24A

		Zinc	2 to 10,000 mg/kg or /L	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 Chromatography or UV/Vis Spectrometry	Laboratory Method 3/9, Based on Customer Supplied 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
		Bromodichloromethane	1 to 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 to 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
		Chloroform	3 to 450 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

		Dibromochloromethane	1 to 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
	Volatile Organic Compounds **1	Total THMs (Chloroform, Bromodichloromethane, Dibromochloromethane, Bromoform)	6 to 900 µg/L	Waters for Potable and Domestic PurposesBore 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 PurposesBore 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 **1,2,4	Benzene	0.25 to 37.5 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
		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 **1,2,4	Trichloroethene	2 to 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
766 Environmental testing (inc waters) - .05 Inorganic	Ammonium **1,2,4	Ammonium	0.03 - 1.6mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters	Discrete auto-analyser	Laboratory Method 2/37

Chloride **1,2,4	Chloride	20-1000mg/L	Waters for Potable and Domestic Purposes, Drinking Waters Bore Waters, Other Waters - Bottled Waters	Discrete auto-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 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 **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 **1,2,4	Nitrite	0.02-1.0mg/L	Water for potable and domestic	Discrete auto-analyser	Laboratory Method 2/37, Based on S.M.

			purposes Drinking Waters Bottled Waters		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 **1,2,4	Sulphate	20-1000mg/L	Waters for Potable and Domestic Purposes, Drinking Waters Bore Waters, Other Waters - Bottled Waters	Discrete auto-analyser	Laboratory Method 2/30 Based on Standard Methods for Examination of Waters and Waste Waters Method 4500 SO4
Total Alkalinity **1,2,4	Total Alkalinity	20-1000mg/L	Waters for Potable and Domestic Purposes, Drinking Waters Bore Waters, Other Waters - Bottled Waters	Discrete auto-analyser	Laboratory Method 2/30 Based on Standard Methods for Examination of Waters and Waste 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	Discrete auto-analyser	Laboratory Method 2/30 Based on Standard Methods for Examination of Waters and Waste Waters Method 2340C
Total Oxidised Nitrogen **1,2,4	Total Oxidised Nitrogen	2.0-80.0mg/L	Water for potable and domestic purposes Drinking Waters Bottled Waters	Discrete auto-analyser	Laboratory Method 2/37, Based on S.M. of Examination of Waters and Waste Waters 4500 NO3 H
Trace Metals **1,2,4	Arsenic	1.0 to 2500 µg/L	Waters for Potable and Domestic Purposes	Inductively Couple Plasma- Mass	Laboratory Method 2/46, Based on US EPA Method 200.8

		Bore Waters, Other Waters - Dialysis Waters, Bottled Waters	Spectrometry (ICP-MS)		
Boron	0.04 to 100 mg/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	1.0 to 2500 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	1.0 to 2500 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	0.04 to 100.0 mg/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	Aluminium	10 to 25000 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

Antimony	1.0 to 1250 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
Cadmium	0.05 to 1250 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	0.04 to 100.0 mg/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	10 to 25000 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	1.0 to 2500 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	10 to 25000 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

		Potassium	1.0 to 1000 mg/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	1.0 to 2500 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
		Sodium	1.0 to 1000 mg/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
797 Miscellaneous materials and products - .01 Chemical tests	Dihydroxyacetone	Dihydroxyacetone	1.0% to 18.0%	Cosmetic Products	HPLC High Performance Liquid Chromatography	Laboratory Method 4/6

***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.

** The laboratory is accredited to provide opinions and interpretations for the tests identified.*