

# Schedule of Accreditation



Organisation Name	Chemilab Water Services Ltd
Trading As	
INAB Reg No	401T
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Accreditation Standard	EN ISO/IEC 17025 T
Standard Version	2017
Date of award of accreditation	07/09/2022
Scope Classification	Chemical testing
Services available to the public <sup>1</sup>	No

<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	Head Office	Smithstown Industrial Estate, Smithstown, Shannon, Clare

# Scope of Accreditation

## Head Office

### Chemical Testing

#### Category: A

Chemistry Field - Tests	Test name	Analyte	Range of measurement	Matrix	Equipment/technique	Standard reference/SOP
766 Environmental testing (inc waters) - .04 Organic	Analysis of Dissolved Organic Carbon	Dissolved Organic Carbon	1 mg/l - 20 mg/l	Waters for potable and domestic purposes	Shimadzu TOC analyser 1 and 2	ISO 20236:2018 / WLT021
	Analysis of Total Organic Carbon	Total Organic Carbon	1 mg/l - 20 mg/l	Waters for potable and domestic purposes	Shimadzu TOC analyser 1 and 2	ISO 20236:2018 / WLT021
	Analysis of Trihalomethanes	Bromoform	10 µg/l - 80 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods, 5710 / WLT023
		Chloroform	10 µg/l - 80 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods, 5710 / WLT023
	Dibromochloromethane	10 µg/l - 80 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods, 5710 / WLT023	
		Dichlorobromomethane	10 µg/l - 80 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods, 5710 / WLT023

	Analysis of Trihalomethanes	Trihalomethanes (Calculated)	80 µg/l - 320 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods 24th Edition, 5710 / WLT023
	Analysis of Trihalomethanes Formation Potential	Trihalomethanes Formation Potential (Calculated)	80 µg/l - 320 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods 24th Edition, 5710 / WLT024
	Analysis of UVA	UVA	0.023 cm <sup>-1</sup> - 1.000 cm <sup>-1</sup>	Waters for potable and domestic purposes	Spectrophotometer	Standard methods 24th Edition, 5910 Ultraviolet absorption / WLT012
	Analysis of UVT	UVT	10 % - 94 %	Waters for potable and domestic purposes	Spectrophotometer	Standard methods 24th Edition, 5910 Ultraviolet absorption / WLT012
	Trihalomethanes Formation Potential	Bromoform	10 µg/l - 80 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods, 5710 / WLT024
		Chloroform	10 µg/l - 80 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods, 5710 / WLT024
		Dibromochloromethane	10 µg/l - 80 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods, 5710 / WLT024
		Dichlorobromomethane	10 µg/l - 80 µg/l	Waters for potable and domestic purposes	Parker THM analyser	Standard methods, 5710 / WLT024
766 Environmental testing (inc waters) - .05 Inorganic	Analysis of Alkalinity	Alkalinity	5 mg/l - 500 mg/l	Waters for potable and domestic purposes	Titration	Standard methods 24th Edition, 2320 Alkalinity / WLT008
	Analysis of Colour	Colour	1 PtCo - 500 PtCo	Waters for potable and domestic purposes	Spectrophotometer	Standard methods 24th Edition, 2120 / WLT011
	Analysis of Hardness as Calcium Carbonate	Calcium Hardness	10 mg/l CaCO <sub>3</sub> - 500 mg/l CaCO <sub>3</sub>	Waters for potable and domestic purposes	Titration	Standard methods 24th Edition, 3500- CA B / WLT019
	Analysis of Hardness as Magnesium Hydroxide	Magnesium Hardness	5 mg/l - 500 mg/l	Waters for potable and domestic purposes	Calculation	Standard methods 24th Edition, 3500-Mg B / WLT020

	Analysis of Metals	Manganese	10 µg/l - 3000 µg/l	Waters for potable and domestic purposes	Shimadzu ICP-OES analyser	ISO 17294-2:2016 / WLT026
	Analysis of pH	pH	4.00 - 10.00	Waters for potable and domestic purposes	pH meter	ISO 10523:2008 / WLT003
	Analysis of Total Hardness	Total Hardness	10 mg/l CaCO <sub>3</sub> - 500 mg/l CaCO <sub>3</sub>	Waters for potable and domestic purposes	Titration	Standard methods 24th Edition, 2340 C / WLT018