


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>UKAS TESTING</p> <p>1835</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Northern Ireland Water Ltd</p> <p>Issue No: 050 Issue date: 10 June 2025</p>	
	<p>Westland House Laboratory Old Westland Road Belfast Northern Ireland BT14 6TE</p>	<p>Contact: Natasha Barr Tel: +44 (0)28 9074 1166 Fax: +44 (0)28 9035 4869 E-Mail: Natasha.barr@niwater.com Website: www.niwater.com</p>
<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
POTABLE, SURFACE and GROUNDWATERS	<p>Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations (Northern Ireland) 2017. The testing is in accordance with the Drinking Water Testing Specification (DWTS)</p> <p><u>Chemical Tests</u></p> <p>Alkalinity</p>	<p>Documented In-House Methods based on Standing Committee of Analysts (Blue Book) Methods referenced by ISBN number and year</p> <p>M-025 using Titrimetry 011 751 601 5 1981</p>
Ground Water, Surface Water and Drinking Water	<p>Chloride Fluoride Nitrate Nitrite Sulphate Potassium Ammonium Sodium Calcium Magnesium Total Hardness (by calculation)</p>	<p>Documented In house Method M-097: Determination of Anions and Cations by Ion Chromatography</p>
Drinking water	<p>Phosphate</p>	
POTABLE, SURFACE and GROUNDWATERS	<p>Taste and Odour Dilution Numbers</p>	<p>M-081 based on SCA blue book Determination of Taste and Odour (2014)</p>



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POTABLE SURFACE WATER and GROUNDWATERS	Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations (Northern Ireland) 2017. The testing is in accordance with the Drinking Water Testing Specification (DWTS) <u>Chemical Tests (cont'd)</u>	Documented In-House Methods based on Standing Committee of Analysts (Blue Book) Methods referenced by ISBN number and year M-100 using Minilab instrument
POTABLE SURFACE AND GROUNDWATERS	Colour Turbidity Conductivity pH Total Metals: Aluminium Iron Manganese Copper Zinc Lead Boron Antimony Arsenic Cadmium Chromium Nickel Selenium	M-096 using ICP-MS
POTABLE , SURFACE AND GROUNDWATERS	Total Metals: Aluminium Iron Boron Manganese Chromium Antimony Arsenic Cadmium Selenium	M-102 using ICPMS



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<p>POTABLE SURFACE AND GROUNDWATERS</p> <p>POTABLE SURFACE AND GROUNDWATERS</p>	<p>Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations (Northern Ireland) 2017. The testing is in accordance with the Drinking Water Testing Specification (DWTS)</p> <p><u>Chemical Tests</u> (cont'd)</p> <p>Total metals: (cont'd)</p> <p>Total metals:.</p> <p>Copper, Lead, Zinc, Nickel</p> <p>Total: Mercury</p> <p>Total Organic Carbon</p> <p>Total Organic Carbon</p>	<p>Documented In-House Methods based on Standing Committee of Analysts (Blue Book) Methods referenced by ISBN number and year</p> <p>M-102 using ICPMS</p> <p>M-102 by ICPMS</p> <p>M-102 by ICPMS</p> <p>M-094 using Combustion Analyser</p> <p>M-104 by persulphate oxidation using Conductometric Analyser</p>



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	Testing for the purpose of enforcement of the Water Supply (Water Quality) Regulations (Northern Ireland) 2017. The testing is in accordance with the Drinking Water Testing Specification (DWTS)	Documented In-House Methods based on Standing Committee of Analysts (Blue Book) Methods referenced by ISBN number and year
POTABLE, SURFACE and GROUNDWATER	<u>Microbiology Tests</u> Enumeration and Identification of <i>Clostridium perfringens</i> , confirmed	M-086 using Membrane Filtration and acid phosphatase (MDW 2021, Part 6)
POTABLE, SURFACE and GROUNDWATER	Total Colony Counts at 22 °C and for 37 °C	M-065 using pour plate (MDW 2020, part 7)
POTABLE, SURFACE and GROUNDWATER	Enumeration and Identification of Enterococci, confirmed	M-062 using membrane filtration (MDW 2012, part 5)
POTABLE, SURFACE and GROUNDWATER	Enumeration and Identification of Coliforms and E coli bacteria	M-089 by Idexx Quantitray using Colilert (MDW 2016 Part 4)
POTABLE, SURFACE and GROUNDWATER	Enumeration and Identification of Coliforms and E coli bacteria	M-090 by Membrane Filtration using MLGA (MDW 2016, Part 4)
END		