


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>Accredited to ISO/IEC 17025:2017</b>	<b>Tatlock and Thomson Ltd</b>  <b>Issue No: 057    Issue date: 25 March 2025</b>	
	<b>Tatlock House</b> <b>The Teuchats</b> <b>Leven</b> <b>Fife</b> <b>Scotland</b> <b>KY8 5PF</b>	<b>Contact: Jireh Gordon</b> <b>Tel: +44 (0)1333 360603</b> <b>E-Mail: jireh.hinds@tatlockandthomson.com</b> <b>Website: www.TatlockandThomson.com</b>

**Testing performed by the Organisation at the locations specified below**

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details		Activity	Location code
<b>Address</b> Tatlock House The Teuchats Leven Fife Scotland KY8 5PF	<b>Local contact</b> Jireh Gordon  Tel: +44 (0)1333 360603 E-Mail: jireh.hinds@tatlockandthomson.com Website: www.TatlockandThomson.com	Chemical Testing	A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
Premises including domestic, commercial and industrial	Sampling of piped water supplies for chemical testing	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location code
ALCOHOLIC BEVERAGES	<u>Chemical Tests</u>	Documented In-House Methods:	
	Acidity, volatile, fixed and total	Method No 1.3 based on AOAC 945.08 using titrimetry	A
Spirits	Acidity, volatile and fixed	Method M1.41 using autotitrator and potentiometry	A
Alcoholic Beverages	Acidity, Total	Method M1.41 using autotitrator And potentiometry	A
Alcoholic Beverages	Ash	Method No 1.40 based on based on OIV-MA-AS2-04: R2009	A
Spirits	Ethyl Carbamate	Method No 1.32 using GC/MS	A
	Higher Alcohols and esters including: Acetaldehyde Ethyl Acetate Acetal Methanol N-Propanol Iso-butanol Isoamyl acetate N-butanol Amyl 2 alcohol Amyl 3 alcohol Furfural 2-Butanol Methyl acetate	Method No 1.20 by capillary gas chromatography	A
	Ethyl caproate Ethyl lactate Ethyl caprylate		
	Phthalate esters: Dibutyl phthalate Bis(2-ethylhexyl) phthalate Di-isononyl phthalate	Method number 1.33 using GC-MS	A



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ALCOHOLIC BEVERAGES (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
Alcoholic Beverages	Strength, by distillation	Method No 1.8a using density meter	A
Spirits	Strength, by obscuration	Method No 1.1a using density meter (accounting for solids)	A
Alcoholic Beverages	Total solids	Method No 1.1a based on AOAC 920.47	A
Spirits	Aluminium Antimony Arsenic Barium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Sodium Zinc	Method number 1.35 using ICP-MS	A
Alcoholic Beverages	Sulphur dioxide (qualitative and quantitative)	Method 1.16	A



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ALCOHOLIC BEVERAGES (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
Whisky and New Make Spirits	Maturation Congeners: 5-Methyl Furfural Coniferaldehyde Ellagic Acid Furfural Gallic Acid Hydroxymethyl furfural Scopoletin Sinapaldehyde Syringaldehyde Syringic Acid Vanillic Acid Vanillin	Method 1.37 by HPLC using UV and Fluorescence Detection	A
Clear spirit, dark spirit and liqueur	Sugars: Fructose Glucose Sucrose Arabinose Rhamnose Xylose	Method 1.36 by Ion-Chromatography with Pulsed Ampometric Detection	A
CEREAL BASED FOODS	Protein (by calculation)	Method 6.3 based on IOB 1.8 total Nitrogen of Barley	A
	N-Nitrosodimethylamine	Method 10.1 - GC using TEA detection	A
(unboiled worts of malts)	Fermentability	Method 10.2 based on IOB Standard	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location code
WATERS, POTABLE	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods based on the Standing Committee of Analysts (Blue Book) Methods, HMSO	
	Anions: Bromide Chloride Fluoride Nitrate Nitrite Phosphate-o Sulphate	Method No 2.21 using Ion Chromatography	A
	Total metals: Aluminium Antimony Arsenic Barium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Nickel Potassium Selenium Sodium Tin Zinc	Method 2.27 using ICP-MS	A
	Alkalinity	Method No 2.10 using titrimetry	A
	Conductivity	Method No 2.3 using conductivity meter	A
	Oxidisability	Method No 2.4 (permanganate index)	A
	pH	Method No 2.2 using pH meter	A
	Ammonium	Method 2.25 using colorimetry	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location code
WATERS Piped water supplies	Sampling for: Chemical Testing	Documented In-House Methods Method No 2.0	B
END			