


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2005	Tatlock and Thomson Ltd Issue No: 037 Issue date: 07 April 2017	
	Tatlock House The Teuchats Leven Fife Scotland KY8 5PF	Contact: Dr H Riffkin Tel: +44 (0)1333 360603 E-Mail: lab@tatlockandthomson.com Website: www.TatlockandThomson.com

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
Address Tatlock House The Teuchats Leven Fife Scotland KY8 5PF Local contact Dr H Riffkin Tel: +44 (0)1333 360603 Fax: E-Mail: lab@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:	
Spirits	Acidity, volatile, fixed and total	Method No 1.3 based on AOAC 945.08 using titrimetry	A
	Higher Alcohols and esters including: Acetaldehyde Ethyl Acetate Acetal Methanol N-Propanol Iso-butanol Isoamyl acetate N-butanol Iso-amyl alcohol Furfural 2-Butanol Methyl acetate Amyl acetate Ethyl caproate Ethyl lactate Ethyl caprylate	Method No 1.20 by capillary gas chromatography	A
	Metals: Arsenic Cadmium Copper Lead Mercury	Method number 1.35 using ICP-MS	A
	Phthalate esters: Dibutyl phthalate Bis(2-ethylhexyl) phthalate Di-isononyl phthalate	Method number 1.33 using GC-MS	A
	Strength, by distillation	Method No 1.8a using density meter	A
Strength, by obscuration	Method No 1.1a using density meter (accounting for solids)	A	



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ALCOHOLIC BEVERAGES (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
Spirits (cont'd)	Total solids	Method No 1.1a based on AOAC 920.47	A
	Sulphur dioxide: Qualitative screening Quantitative determination	Method 1.16a Method 1.16b	A A
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
Whisky	Sugars: Fructose Glucose Lactose Maltose Sucrose	Method 1.36 by Ion-Chromatography with Pulsed Ampometric Detection	A
Whisky / Whiskey	Opinions and Interpretations for the purposes of assessment of the authenticity of Scotch Whisky and Irish Whiskey	Procedure 17.1 and related industry Statutory Instruments, National and International Regulations using data generated from procedures 1.1a, 1.8a, 1.20, 1.36 and 1.37	A
CEREAL BASED FOODS	<u>Chemical Tests</u>	Documented In-House Methods based on BS 4401	
	Protein (by calculation)	Method 6.3 based on BS 4401:Part 2:1980	A
	N-Nitrosodimethylamine	Method 10.1 - GC using TEA detection	A



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CEREAL BASED FOODS (cont'd)	<u>Chemical Tests (cont'd)</u>	Documented In-House Methods based on BS 4401	
(unboiled worts of malts)	Fermentability	Method 10.2 based on IOB Standard	A
WATERS, POTABLE	<u>Chemical Tests</u>	Documented In-House Methods based on the Standing Committee of Analysts (Blue Book) Methods, HMSO	
	Anions: Bromide Chloride Fluoride Nitrate Nitrite Phosphate-p Sulphate	Method No 2.21 using Ion Chromatography	A
	Cations: Calcium Magnesium Potassium Sodium	Method No 2.22 using Ion Chromatography	A
	Total metals: Aluminium Copper Iron Lead Manganese 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



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WATERS, POTABLE (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods based on the Standing Committee of Analysts (Blue Book) Methods, HMSO	
WATERS Piped water supplies	Sampling for Chemical Testing	Method No 2.0	B
END			