


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING 1690</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>SWRI Services Limited</h3> <p>Issue No: 018    Issue date: 30 January 2020</p>	
	<p>The Robertson Trust Building Research Avenue North Riccarton Edinburgh EH14 4AP</p>	<p>Contact: Mr J Freeman Tel: +44 (0)131 449 8900 E-Mail: John.Freeman@swri.co.uk Website: www.swri.co.uk</p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ALCOHOLIC BEVERAGES	<u>Chemical Tests</u>	Documented In-house methods identified by procedure number
Beers, Liqueurs and Wines	Alcoholic strength	OP 222 using distillation followed by densitometry
Spirits	Alcoholic strength (actual)	OP 222 using distillation followed by densitometry
	Alcoholic strength (apparent)	OP 221 using densitometry
	Ethyl carbamate	OP 224 using Gas Chromatography - Mass Spectrometry (GC-MS)
	Sugars covering: Fructose Glucose Lactose Maltose Sucrose	OP 279 using Ion Chromatography (IC)
	Methanol n-Propanol Iso-Butanol n-Butanol 2-Methyl-1-butanol 3-Methyl-1-butanol Ethyl acetate Iso-Amyl acetate Acetal Acetaldehyde Furfural	OP 275 using Gas Chromatography (GC)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
ALCOHOLIC BEVERAGES	<u>Chemical Tests (cont'd)</u>	Documented In-house methods identified by procedure number
Spirits (cont'd)	Coniferaldehyde Ellagic Acid 5-Hydroxy Methyl Furfural Gallic Acid Scopoletin Sinapaldehyde Syringaldehyde Syringic Acid Vanillic Acid Vanillin	OP 404 using High Performance Liquid Chromatography
	Coniferaldehyde Ellagic Acid 5-Hydroxy Methyl Furfural Gallic Acid Scopoletin Sinapaldehyde Syringaldehyde Syringic Acid Vanillic Acid Vanillin	OP 414 using UPLC
Whisky	Opinions and interpretations for the purpose of assessment of whisky authenticity	OP139 and related industry, Statutory Instruments, National and International Regulations using data generated from procedures OP221, OP222, OP 275, OP279, OP 404 and OP414
END		