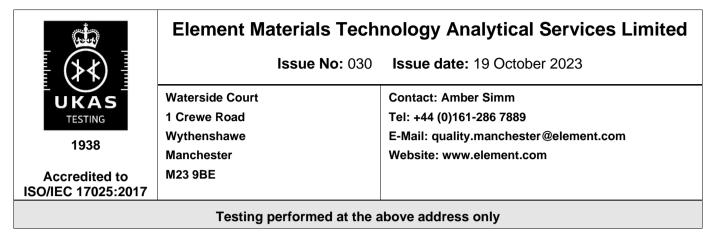
Schedule of Accreditation

issued by

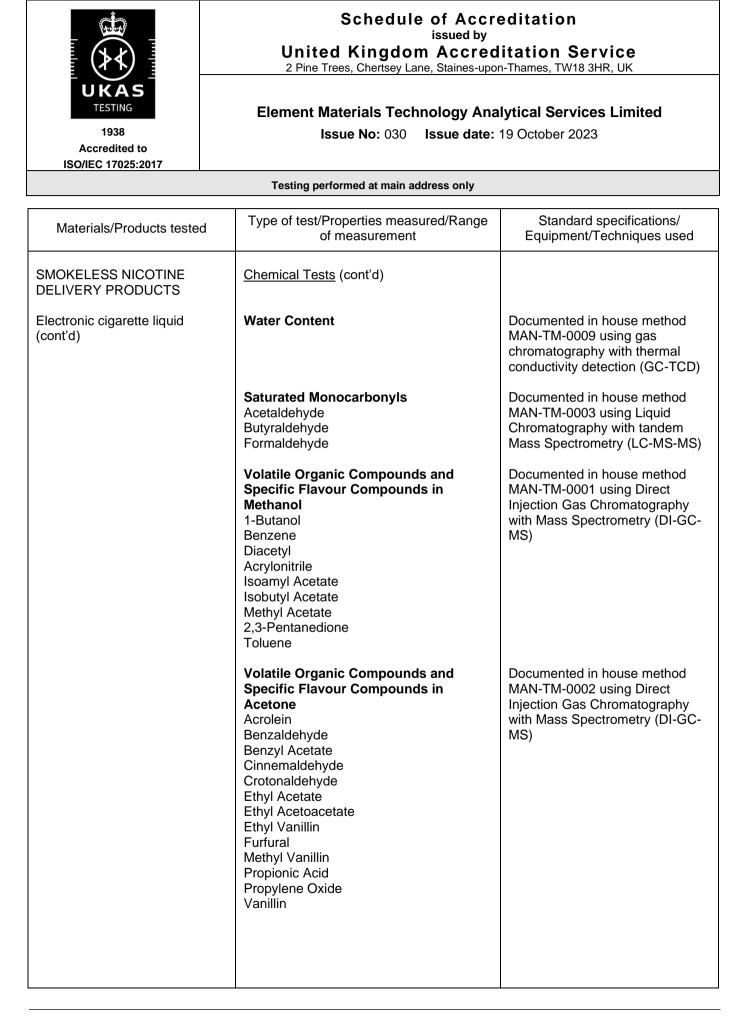
United Kingdom Accreditation Service

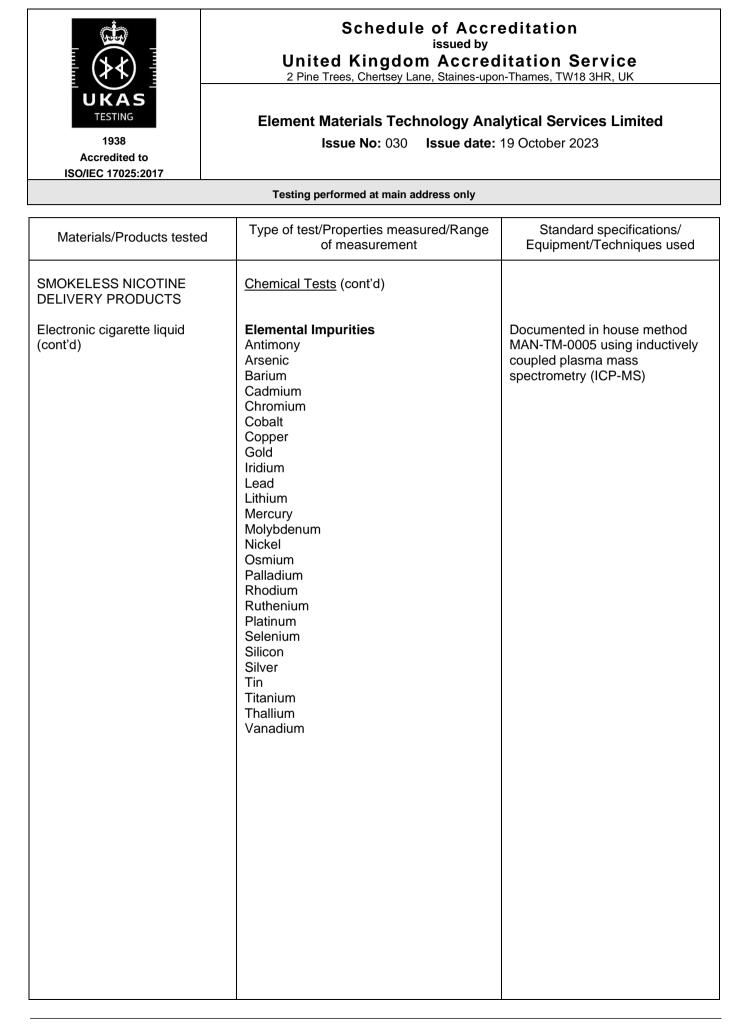
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

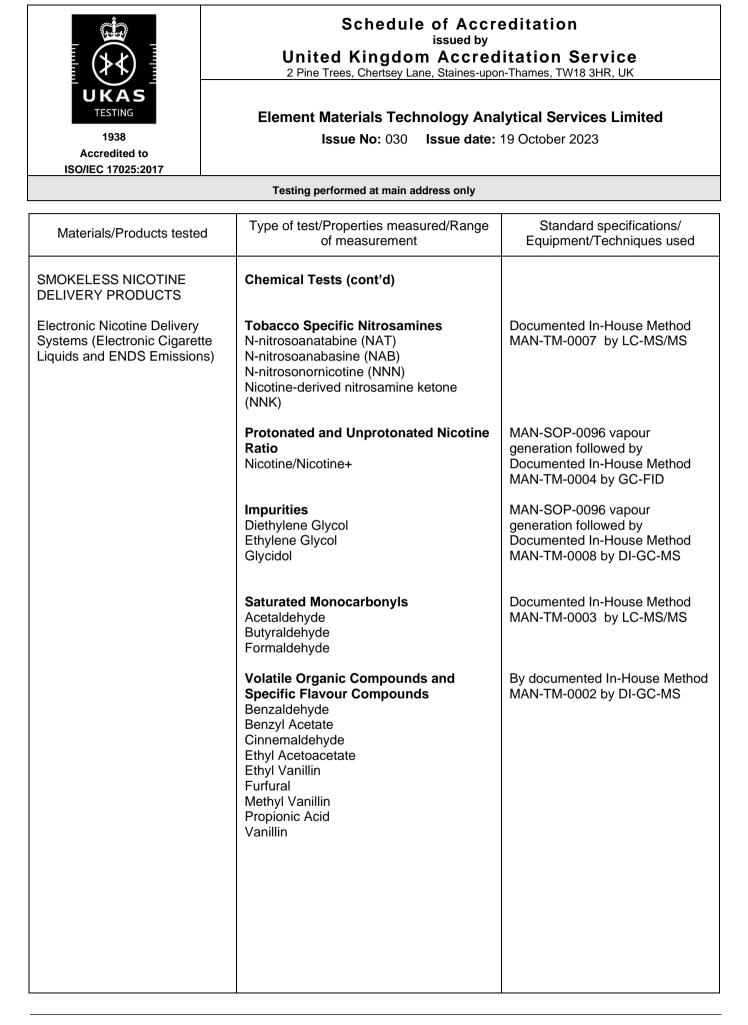


DETAIL OF ACCREDITATION

DETAIL OF AGOREDITATION			
Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	
SMOKELESS NICOTINE DELIVERY PRODUCTS	<u>Chemical Tests</u>		
(e-cigarettes, electronic cigarettes, vaping devices), smokeless nicotine delivery vapour or aerosol	Nicotine Propylene glycol Glycerol Menthol	MAN-SOP-0096 vapour generation and collection followed by MAN-TM-0011 based on CORESTA Method No. 81 and 84 by 450e vaping machine and gas chromatography with flame ionisation detection (GC-FID)	
Electronic cigarette liquid	Nicotine Propylene glycol Glycerol Menthol	MAN-TM-0011 based on CORESTA method 84 using gas chromatography with flame ionisation detection (GC-FID)	
	Tobacco Specific Nitrosamines N-nitrosoanatabine (NAT) N-nitrosoanabasine (NAB) N-nitrosonornicotine (NNN) Nicotine-derived nitrosamine ketone (NNK)	Documented in house method MAN-TM-0007 using Liquid Chromatography with tandem Mass Spectrometry (LC-MS-MS)	
	Protonated and Unprotonated Nicotine Ratio Nicotine/Nicotine+	Documented in house method MAN-TM-0004 using gas chromatography with flame ionisation detection (GC-FID)	
	Impurities Diethylene Glycol Ethylene Glycol Glycidol	Documented in house method MAN-TM-0008 using Direct Injection Gas Chromatography with Mass Spectrometry (DI-GC- MS)	







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TESTING 1938 Accredited to ISO/IEC 17025:2017	Element Materials Technology Analytical Services Limited Issue No: 030 Issue date: 19 October 2023		
Testing performed at main address only			
Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	
SMOKELESS NICOTINE DELIVERY PRODUCTS	Chemical Tests (cont'd)		
Electronic Nicotine Delivery Systems (Electronic Cigarette Liquids and ENDS Emissions (Cont'd)		Documented in house method MAN-TM-0005 using inductively coupled plasma mass spectrometry (ICP-MS)	
END			