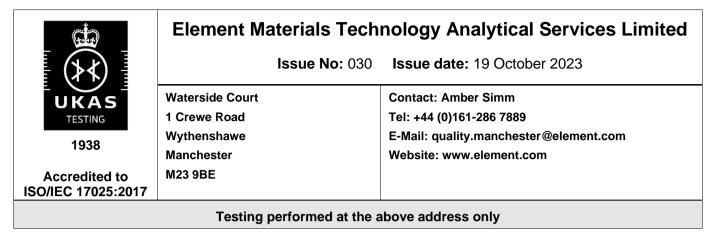
Schedule of Accreditation

issued by

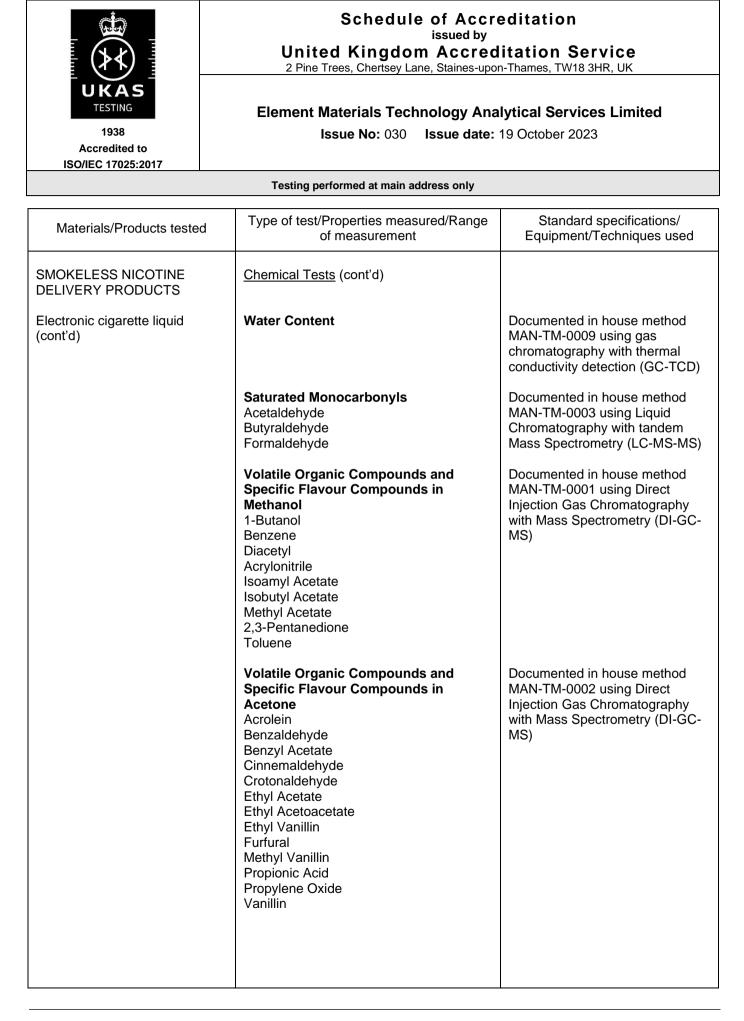
United Kingdom Accreditation Service

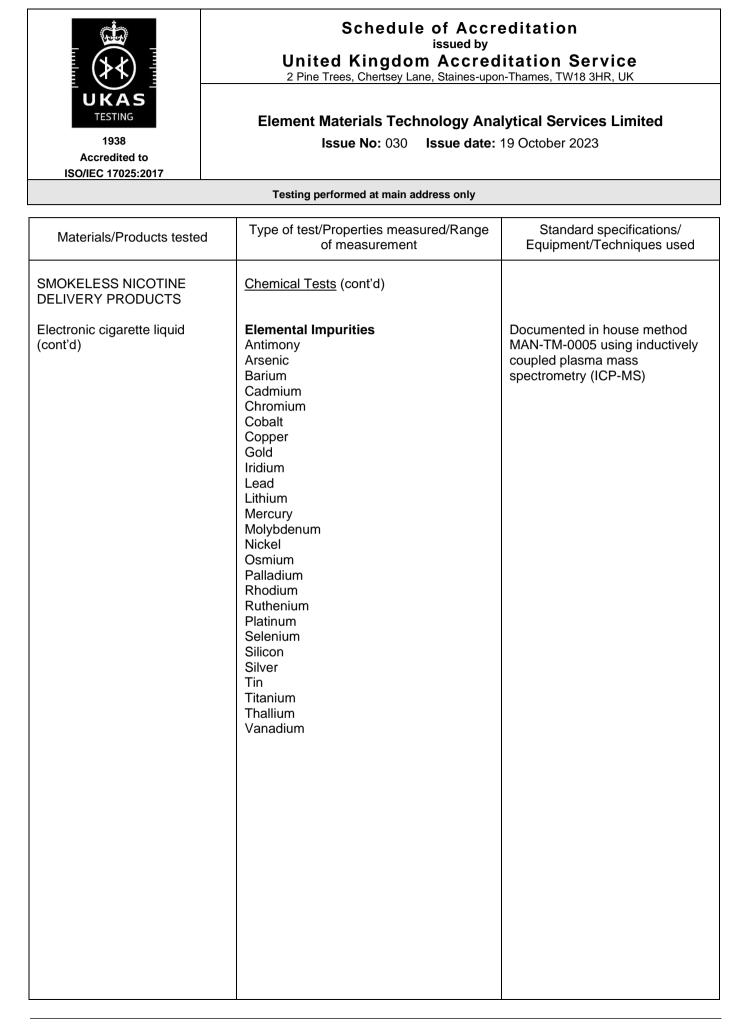
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

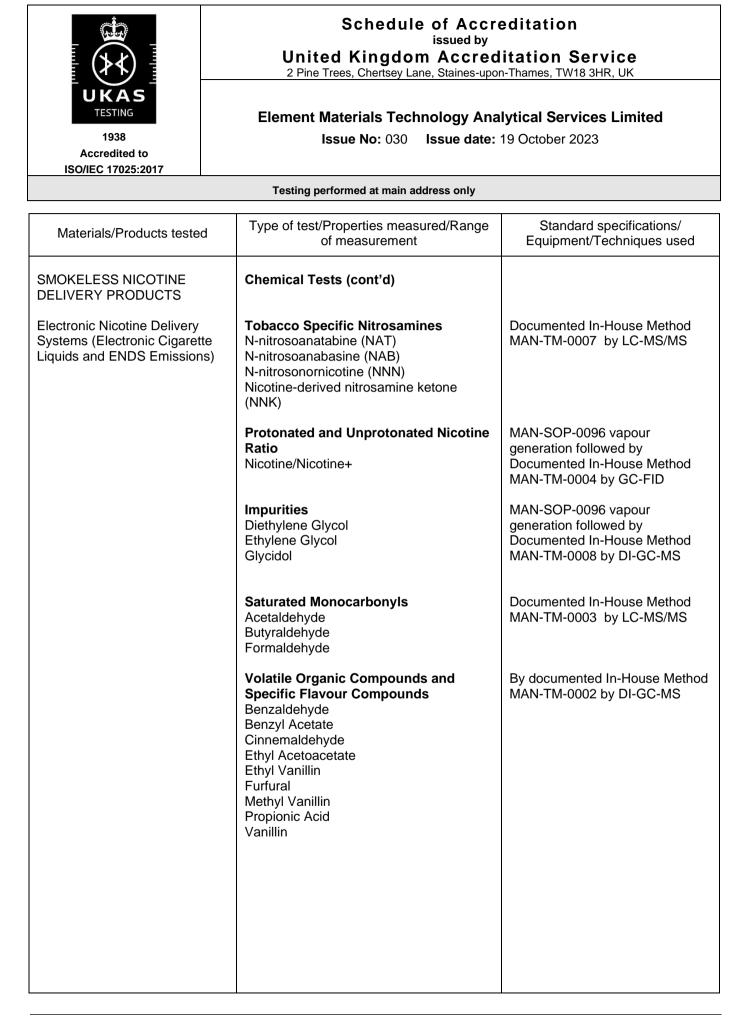


DETAIL OF ACCREDITATION

| 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) | |
| | | | |







| | issued by United Kingdom Accred 2 Pine Trees, Chertsey Lane, Staines-upor | Schedule of Accreditation issued by United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK | |
|---|---|--|--|
| 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 | | | |