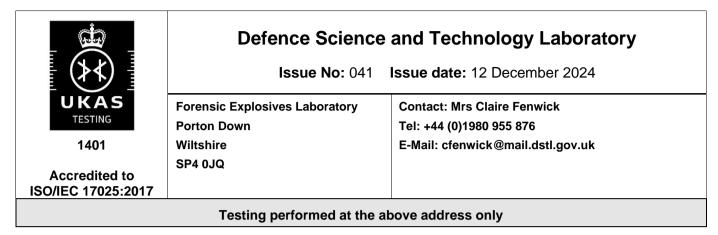
Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



DETAIL OF ACCREDITATION

| Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|--|---|
| Forensic Testing | The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice in relation to the Forensic Activities listed below. |
| | |
| Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials: - Cellular Material - Blood | Documented In-House Methods - BIO/SOP035 using: - cutting - swabs and swabbing - Minitapes |
| Presumptive testing for Blood via detection of Peroxidase | Documented In-House Methods - BIO/SM008 using KM (Kastle Meyer) |
| Forensic Analysis | Documented In-House Methods: |
| Traditional Explosives | |
| Methodologies for the recovery of traditional explosives at trace level | TRC/SOP 032 (Kit workup) TRC/SOP 004 (Sampling for explosives traces) TRC/SOP 004 (Headspace sampling) |
| | measured/Range of measurement Forensic Testing Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials: Cellular Material Blood Presumptive testing for Blood via detection of Peroxidase Forensic Analysis Traditional Explosives Methodologies for the recovery of Methodologies for the recovery of Traditional Explosives |



Schedule of Accreditation issued by ted Kingdom Accreditation Servio

United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Defence Science and Technology Laboratory

Issue No: 041 Issue date: 12 December 2024

Testing performed at main address only

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|--|--|---|
| EXPLOSIVES, TRACE (cont'd) | <u>Forensic Analysis</u> (cont'd) | Documented In-House Methods: |
| | Traditional Explosives (cont'd) | |
| | Clean-up methods to provide final extracts for analysis | INS/SOP005 (using Isolute ENV+) |
| | Identification and confirmation of explosives and taggants at trace level | INS/SM041 (by GC-TEA) |
| | Identification and confirmation of Selected Nitroaromatics, Nitroesters, Nitramines and Related Compounds | INS/SM033 (by LC-HRMS) |
| | Peroxide Explosives | |
| | Clean-up method to provide final extracts for analysis of peroxide explosives | INS/SOP005 (using Isolute ENV+) |
| | Identification and confirmation of peroxide explosives | INS/SM047 (by LC-HRMS) |
| EXPLOSIVES, NON-TRACE, PYROTECHNICS and ASSOCIATED MATERIAL | Chemical Testing | Documented In-House Methods: |
| | Identification of sugars | INS/SM040 (by IC) |
| | Identification of anions and cations | INS/SM029 (by IC-MS) |
| | Identification of sugar alcohols | INS/SM062 (by IC) |
| | Forensic Analysis | |
| | Burn test for assessing the energetic nature of samples | INS/SM090 (by Blow Torch) |
| | Identification of energetic materials including peroxide based explosives | INS/SM010 (by TLC) |
| | Qualitative elemental analysis | INS/SM027 (by SEM/EDS) |
| | Qualitative elemental analysis | INS/SM034 (by SEM/EDS) |
| | | |



Schedule of Accreditation issued by ited Kingdom Accreditation Servic

United Kingdom Accreditation Service 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Defence Science and Technology Laboratory

Issue No: 041 Issue date: 12 December 2024

Accredited to ISO/IEC 17025:2017

Testing performed at main address only

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used | |
|---|--|--|--|
| EXPLOSIVES, NON-TRACE, PYROTECHNICS and ASSOCIATED MATERIAL (cont'd) | <u>Forensic Analysis</u> (cont'd) Collection of FT-IR Spectrum Collection of Raman spectra for comparison against reference libraries Primary explosives sample | Documented In-House Methods: INS/SM018, INS/SM088 (by FTIR) INS/SM014 (by Raman microscopy) INS/SM002 (by XRD) | |
| | Primary explosives sample preparation for XRD analysis Collection of X-Ray diffraction patterns Analysis of fire accelerants | INS/SM002 (by XRD) INS/SM002 (by XRD) INS/SM031 (by GC-FID) | |
| FORENSIC EXHIBITS | Dimensional Tests Measurement of physical dimensions and examinations of wires Electrical Measurements Measurement of electrical quantities | Documented In-House Methods: INS/SM042 INS/SM006 | |
| END | | | |