


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> TESTING <b>6945</b> Accredited to <b>ISO/IEC 17025:2017</b>	<b>Chief Constable of Lancashire Constabulary</b>  <b>Issue No: 025 Issue date: 10 June 2022</b>	
	<b>Lancashire Constabulary</b> <b>Saunders Lane</b> <b>Hutton</b> <b>Preston</b> <b>Lancashire</b> <b>PR4 5SB</b>	<b>Contact: Janet Shorrock</b> <b>Tel: +44 (0)1772 416040</b> <b>E-mail: janet.shorrock@lancashire.police.uk</b>
<b>Testing performed by the Organisation at the locations specified</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Lancashire Constabulary Saunders Lane Hutton Preston Lancashire PR4 5SB  <b>Local contact</b> Ms Janet Shorrock Tel: +44 (0)1772 416040 E-Mail: janet.shorrock@lancashire.police.uk	Forensic Analysis	A
<b>Address</b> Blackpool Police Station Gerry Richardson Way Blackpool Lancashire FY4 4US  <b>Local contact</b> Ms Janet Shorrock Tel: +44 (0)1772 416040 E-Mail: janet.shorrock@lancashire.police.uk	Forensic Analysis	B



6945

Accredited to  
ISO/IEC 17025:2017

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Chief Constable of Lancashire Constabulary

Issue No: 025 Issue date: 10 June 2022

Testing performed by the Organisation at the locations specified

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BODY FLUIDS and TISSUES  Any Material	<u>Forensic Testing</u>  <u>Forensic Analysis</u>	The organisation has demonstrated adherence to the relevant requirements of the Forensic Science Regulators Code of Practice and Conduct in relation to their Forensic Activities	
	Searching for <ul style="list-style-type: none"> <li>- Blood</li> <li>- Semen</li> </ul>	Documented In-House method (FIU-SOP-001) using <ul style="list-style-type: none"> <li>- visual examination</li> <li>- low power microscopy</li> <li>- Chemical testing (see below)</li> </ul>	A
	Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials: <ul style="list-style-type: none"> <li>- Blood</li> <li>- Semen</li> <li>- Hairs</li> <li>- Cellular material</li> </ul>	Documented In-House method (FIU-SOP-001, 005 and 007) using <ul style="list-style-type: none"> <li>- Cutting</li> <li>- Swabs and swabbing</li> <li>- Taping (hair only)</li> <li>- Mini-taping</li> </ul>	A
	Presumptive testing for blood via detection of <ul style="list-style-type: none"> <li>- Peroxidase</li> </ul>	Documented In-House method (FIU-SOP-002) using <ul style="list-style-type: none"> <li>- KM (Kastle Meyer)</li> </ul>	A
	Identification, interpretation and recording of blood patterns (BPA) on clothing and other items examined in the laboratory	Documented In-House method (FIU-SOP-002) using <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- Low power microscopy</li> </ul>	A
Semen	Presumptive testing for seminal fluid via detection of <ul style="list-style-type: none"> <li>- Acid Phosphatase</li> </ul>	Documented In-House method (FIU-SOP-003) using <ul style="list-style-type: none"> <li>- Acid Phosphatase detection (AP reagent)</li> </ul>	A



6945

Accredited to  
ISO/IEC 17025:2017

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

**Chief Constable of Lancashire Constabulary**  
**Issue No: 025 Issue date: 10 June 2022**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DRUGS (and materials suspected of containing drugs)	<u>Forensic Analysis cont'd</u>		
	Legal classification of controlled drugs (Misuse of Drugs Act 1971)		
	Identification of Cannabis, cannabis resin and cannabis products	Documented In-House Method (DU-SOP-007) using microscopy, TLC and GC-MS	A
	Identification of cannabis plants	Documented In-House Method (DU-SOP-009) using - Microscopy - TLC	A
	Identification of - Amphetamine - Methamphetamine - Cocaine - Diamorphine - MDA - MDMA - MDEA	Documented In-House Methods (DU-SOP-002 and DU-SOP-004) using - spot tests (Marquis reagent and Cobalt Thiocyanate) - GC-MS	A
	Quantification of - Amphetamine - Cocaine - Diamorphine	Documented In-House Method (DU-SOP-003) using: - HPLC	A
Identification of additives/diluents commonly associated with drugs - Caffeine - Paracetamol	Documented In-House Method (DU-SOP-004) - GC-MS	A	



6945

Accredited to  
ISO/IEC 17025:2017

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Chief Constable of Lancashire Constabulary

Issue No: 025 Issue date: 10 June 2022

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>MARKS AND IMPRESSIONS cont'd</p> <p>Fingermarks (Any material which is capable of retaining friction ridge marks)</p>	<p><u>Forensic Analysis cont'd</u></p> <p>Enhancement of fingermarks, palm and plantar marks</p>	<p>Documented In-House Methods using chemical and physical enhancement techniques</p> <ul style="list-style-type: none"> <li>- Ninhydrin (FEL-SOP-007)</li> <li>- Cyanoacrylate (CNA) fuming with Basic Yellow 40 (BY40) - ethanol and aqueous formulations (FEL-SOP-012)</li> <li>- Physical developer (FEL-SOP-008)</li> <li>- Powder suspensions (FEL-SOP-011) Iron oxide based - black Titanium dioxide based - white Carbon based - black</li> <li>- Acid dye treatments - ethanol formulation (FEL-SOP-010) Acid Black 1 Acid Violet 17 Acid Yellow 7</li> <li>- Solvent Black 3 (FEL-SOP-009)</li> <li>- Small particle reagent (FEL-SOP-017)</li> <li>- 1,2-Indandione (FEL-SOP-018)</li> <li>- Powdering techniques (FEL-SOP-005) Black granular powder White granular powder Black magnetic powder White magnetic powder. Aluminium Flake powder</li> <li>- Lifting techniques (FEL-SOP-005) Tape Gel</li> </ul>	<p>A</p>



6945

Accredited to  
ISO/IEC 17025:2017

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

**Chief Constable of Lancashire Constabulary**  
**Issue No: 025 Issue date: 10 June 2022**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p><b>MARKS AND IMPRESSIONS (cont'd)</b></p> <p>Fingermarks (Any material which is capable of retaining friction ridge marks) (cont'd)</p>	<p><u>Forensic Analysis (cont'd)</u></p> <p>Enhancement of fingermarks, palm and plantar marks (cont'd)</p>	<p>Documented In-House Methods using visual and lighting enhancement techniques:</p> <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- White Light (FEL-SOP-002 and 004)</li> <li>- High Intensity Light Sources (FEL-SOP-002 and 004)</li> <li>Tracer Compact Laser Green (<math>\lambda= 532\text{nm}</math>)</li> <li>- Crimelites ML2 UV (<math>\lambda= 350\text{-}380\text{ nm}</math>)</li> <li>Violet (<math>\lambda= 395\text{-}425\text{ nm}</math>)</li> <li>Blue (<math>\lambda= 420\text{-}470\text{ nm}</math>)</li> <li>Blue-Green (<math>\lambda= 450\text{-}510\text{ nm}</math>)</li> <li>Green (<math>\lambda= 490\text{-}560\text{ nm}</math>)</li> <li>Orange (<math>\lambda= 570\text{-}610\text{ nm}</math>)</li> </ul>	<p>A</p>
<p>Developed fingerprint marks</p>	<p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p>	<p>Documented In-House Methods (FEL-SOP-002 and 004) for imaging /digital capture: Digital SLR</p> <p>Documented In-House methods (FEL-SOP-002) using visual examination</p>	<p>A</p>



6945

Accredited to  
ISO/IEC 17025:2017

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

**Chief Constable of Lancashire Constabulary**  
**Issue No: 025 Issue date: 10 June 2022**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p><b>MARKS AND IMPRESSIONS (cont'd)</b></p> <p>Images of fingermark and palm mark friction ridge detail</p> <p>Footwear</p>	<p><u>Forensic Analysis (cont'd)</u></p> <p>Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from:</p> <ul style="list-style-type: none"> <li>- Known ink TENPRINTS</li> <li>- Known electronic TENPRINTS</li> </ul>	<p>Documented in-house methods using visual examination, low power magnification, comparators, dimensional measurements and reference database (FP-SOP-002)</p>	A
	<p><u>Opinion and Interpretation</u></p> <p>The evaluation of features between fingermark and palm mark friction ridge detail</p>	<p>Documented in-house methods using (REF DOC 340):</p> <ul style="list-style-type: none"> <li>- Personal experience</li> </ul> <p>Databases</p>	A
	<p>Coding of scene marks and prints taken from suspect</p>	<p>Documented In-House Method (FU-SOP-007) (including use of NFRC system)</p>	A
	<p>Coding of Custody prints taken from suspect footwear using gross features</p>	<p>Documented In-House Method (FU-SOP-008) (including use of NFRC system)</p>	A
	<p>Screening of suspect footwear by pattern type and size</p>	<p>Documented In-House Method</p>	A
	<p>Enhancement of footwear marks recovered from scenes</p>	<p>Documented in house method (FU-SOP-001) using</p> <ul style="list-style-type: none"> <li>- lighting techniques</li> <li>- powders (including aluminium flake, black granular and black magnetic powders)</li> <li>- ESLA</li> <li>- gel lifting</li> </ul>	A
	<p>Production of test marks from suspect footwear</p>	<p>Documented in house method (FU-SOP-001) using</p> <ul style="list-style-type: none"> <li>- oil and powder dusting method (dynamic)</li> <li>- powder (static)</li> <li>- biofoam 3D</li> </ul>	A



6945

Accredited to  
ISO/IEC 17025:2017

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

**Chief Constable of Lancashire Constabulary**  
**Issue No: 025 Issue date: 10 June 2022**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS (cont'd)  Footwear mark (physically or image)	<u>Forensic Analysis</u> (cont'd)		
	Assessment, Comparison and evaluation of footwear with scene marks	Documented In-House (FU-SOP-001) methods using visual examination	A
	<u>Opinion and Interpretation</u> The evaluation of the significance of any matching and non-matching features between the footwear scene impression and reference/control footwear marks	Documented In-House method (FU-SOP-001) using - Personal experience - Databases	A
Packaging - plastic bags - clingfilm	Examination to determine the presence of striation marks and manufacturing features	Documented In-House method (DU-SOP-008) using - visual comparison - polarised light - shadowgraph	A
FIBRES	Recovery of fibres for contingency purposes from clothing and objects	Documented In-House method (FIU-SOP-007) using - visual examination - taping	A



6945

Accredited to  
ISO/IEC 17025:2017

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

**Chief Constable of Lancashire Constabulary**  
**Issue No: 025 Issue date: 10 June 2022**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p>DIGITAL DEVICES AND DATA</p> <p>Computers</p> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> <li>- Hard disk drives</li> <li>- Solid state drives</li> <li>- Memory cards</li> <li>- USB flash drives</li> </ul> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> <li>- Hard disk drives</li> <li>- Solid state drives</li> </ul> <p>Mobile Phones</p> <p>Mobile phone handsets and tablets associated with the following operating systems:</p> <ul style="list-style-type: none"> <li>- Google Android</li> <li>- Non-smartphone proprietary systems</li> </ul> <p>Mobile phone handsets and tablets associated with the following operating systems:</p> <ul style="list-style-type: none"> <li>- Apple iOS</li> <li>- Google Android</li> <li>- Non-smartphone proprietary systems</li> </ul>	<p><u>Forensic Analysis cont'd</u></p> <p>Physical capture and preservation of data</p> <p>Physical capture and preservation of data</p> <p>Physical capture and preservation of data</p> <p>Logical capture and preservation of data</p>	<p>Documented in-house method(s) (DMIU-SOP-003) using:</p> <ul style="list-style-type: none"> <li>- FTK Imager</li> <li>- EnCase</li> <li>- FastBloc SE</li> <li>- SPEKTOR</li> <li>- Tableau T35iu</li> <li>- WiebeTech Forensic UltraDock</li> <li>- MSAB MC Write-Blocker</li> <li>- UFED MC Write-Blocker</li> </ul> <p>Documented in-house method(s) (DMIU-SOP-003) using:</p> <ul style="list-style-type: none"> <li>- Digital Collector (MAC only)</li> </ul> <p>Documented in-house method(s) (DFU-SOP-006) using:</p> <ul style="list-style-type: none"> <li>- UFED 4PC</li> <li>- XRY</li> </ul> <p>Documented in-house method(s) (DFU-SOP-006) using:</p> <ul style="list-style-type: none"> <li>- UFED 4PC</li> <li>- XRY</li> <li>- Manual examination</li> </ul>	<p>A</p> <p>A</p> <p>A,B</p> <p>A,B</p>





6945

Accredited to  
ISO/IEC 17025:2017

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

**Chief Constable of Lancashire Constabulary**  
**Issue No: 025 Issue date: 10 June 2022**

**Testing performed by the Organisation at the locations specified**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA (cont'd)	<u>Forensic Analysis (cont'd)</u>		
Mobile phones (cont'd)			
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Google Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: - Physical Analyzer - XRY - XAMN	A,B
(U)SIM cards	Logical capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED 4PC - XRY	A,B
(U)SIM cards	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: - Physical Analyzer - XRY - XAMN	A,B
Memory cards associated with mobile phone handsets and tablets	Physical capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED 4PC - XRY	A,B
Memory cards associated with mobile phone handsets and tablets	Logical capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED 4PC - XRY	A,B
Memory cards associated with mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: - Physical Analyzer - XRY - XAMN	A,B
<b>END</b>			



6945

Accredited to  
ISO/IEC 17025:2017

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

**Chief Constable of Lancashire Constabulary**  
**Issue No: 025 Issue date: 10 June 2022**

Testing performed by the Organisation at the locations specified