


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>6945</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Chief Constable of Lancashire Constabulary</h3> <p>Issue No: 023 Issue date: 20 April 2021</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	<u>Forensic Testing</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
BODY FLUIDS and TISSUES Any Material	<u>Forensic Analysis</u> Searching for <ul style="list-style-type: none"> - Blood - Semen 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"> - Blood - Semen - Hairs - Cellular material 	<p>Documented In-House method (FIU-SOP-001) using</p> <ul style="list-style-type: none"> - visual examination - low power microscopy - Chemical testing (see below) <p>Documented In-House method (FIU-SOP-001, 005 and 007) using</p> <ul style="list-style-type: none"> - Cutting - Swabs and swabbing - Taping (hair only) - Mini-taping
Blood	Presumptive testing for blood via detection of <ul style="list-style-type: none"> - Peroxidase 	<p>Documented In-House method (FIU-SOP-002) using</p> <ul style="list-style-type: none"> - KM (Kastle Meyer)



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<p>BODY FLUIDS and TISSUES (cont'd)</p> <p>Blood (cont'd)</p> <p>Semen</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p><u>Related Opinions and Interpretations</u></p> <p>Identification, interpretation and recording of blood patterns (BPA) on clothing and other items examined in the laboratory</p> <p>Presumptive testing for seminal fluid via detection of</p> <ul style="list-style-type: none"> - Acid Phosphatase 	<p>Documented In-House method (FIU-SOP-002) using</p> <ul style="list-style-type: none"> - Visual examination - Low power microscopy <p>Documented In-House method (FIU-SOP-003) using Acid Phosphatase detection (AP reagent)</p>
<p>DRUGS (and materials suspected of containing drugs)</p>	<p><u>Forensic Analysis</u></p> <p>Legal classification of controlled drugs (Misuse of Drugs Act 1971)</p> <p>Identification of Cannabis, cannabis resin and cannabis products</p> <p>Identification of cannabis plants</p> <p>Identification of</p> <ul style="list-style-type: none"> - Amphetamine - Methamphetamine - Cocaine - Diamorphine - MDA - MDMA - MDEA <p>Quantification of</p> <ul style="list-style-type: none"> - Amphetamine - Cocaine - Diamorphine <p>Identification of additives/diluents commonly associated with drugs</p> <ul style="list-style-type: none"> - Caffeine - Paracetamol 	<p>Documented In-House Method (DU-SOP-007) using microscopy, TLC and GC-MS</p> <p>Documented In-House Method (DU-SOP-009) using</p> <ul style="list-style-type: none"> - Microscopy - TLC <p>Documented In-House Methods (DU-SOP-002 and DU-SOP-004) using</p> <ul style="list-style-type: none"> - spot tests (Marquis reagent and Cobalt Thiocyanate) - GC-MS <p>Documented In-House Method (DU-SOP-003) using:</p> <ul style="list-style-type: none"> - HPLC <p>Documented In-House Method (DU-SOP-004)</p> <ul style="list-style-type: none"> - GC-MS



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FIBRES	<u>Forensic Analysis</u> Recovery of fibres for contingency purposes from clothing and objects	Documented In-House method (FIU-SOP-007) using <ul style="list-style-type: none"> - visual examination - taping
MARKS AND IMPRESSIONS Fingermarks (Any material which is capable of retaining friction ridge marks)	<u>Forensic Analysis</u> Enhancement of fingermarks, palm and plantar marks	Documented In-House Methods using chemical enhancement and lighting techniques <ul style="list-style-type: none"> - Ninhydrin (FEL-SOP-007) - Superglue Cyanoacrylate vapour + BY40 (Ethanol and Aqueous Formulations) (FEL-SOP-012) - Powdering and lifting using tape and gel (FEL-SOP-005) - Physical developer (FEL-SOP-008) - Powder suspensions (FEL-SOP-011) - Blood dyes (Ethanol Formulation) – ACID Black 1, Acid Violet 17 and Acid Yellow 7 (FEL-SOP-010) - Solvent Black 3 (FEL-SOP-009) - Small Particle Reagent (FEL-SOP-017) - 1,2-Indandione (FEL-SOP-018)



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<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>Fingermarks (Any material which is capable of retaining friction ridge marks) (cont'd)</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Enhancement of fingermarks, palm and plantar marks (cont'd)</p>	<p>Documented In-House Methods using lighting techniques</p> <p>White Light (FEL-SOP-002 and 004) High Energy Light Sources (FEL-SOP-002 and 004)</p> <ul style="list-style-type: none"> - Tracer Compact Laser Green (λ 532nm) - Crimelites Ultraviolet (λ 350-380 nm) Violet (λ 395-425 nm) Blue (λ 420-470 nm) Blue-Green (λ 450-510 nm) Green (λ 490-560 nm) Orange (λ 570-610 nm) <p>Documented In-House Method for digital photography (FEL-SOP-002 and 004)</p>
<p>Images of fingermark and palm mark friction ridge detail</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"> • Known inked Tenprint sets • Known electronic Tenprint sets <p><u>Opinion and Interpretation</u> The evaluation of features between fingermark and palm mark friction ridge detail</p>	<p>Documented in-house methods using visual examination, low power magnification, comparators, dimensional measurements and reference database (FP-SOP-002)</p> <p>Documented in-house methods using (REF DOC 340):</p> <ul style="list-style-type: none"> • Personal experience • Databases
<p>Footwear</p>	<p>Coding of scene marks and prints taken from suspect</p> <p>Coding of Custody prints taken from suspect footwear using gross features</p> <p>Screening of suspect footwear by pattern type and size</p>	<p>Documented In-House Method (FU-SOP-007) (including use of NFRC system)</p> <p>Documented In-House Method (FU-SOP-008) (including use of NFRC system)</p> <p>Documented In-House Method</p>



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MARKS AND IMPRESSIONS (cont'd)	<u>Forensic Analysis</u> (cont'd)	
Footwear (cont'd)	Enhancement of footwear marks recovered from scenes	Documented in house method (FU-SOP-001) using <ul style="list-style-type: none"> - lighting techniques - powders (including aluminium flake, black granular and black magnetic powders) - ESLA - gel lifting
	Production of test marks from suspect footwear	Documented in house method (FU-SOP-001) using <ul style="list-style-type: none"> - oil and powder dusting method (dynamic) - powder (static) - biofoam 3D
Footwear mark (physically or image)	Assessment, Comparison and evaluation of footwear with scene marks	Documented In-House (FU-SOP-001) methods using <ul style="list-style-type: none"> - visual examination
	<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 <ul style="list-style-type: none"> - Personal experience - Databases
Packaging - plastic bags - clingfilm	Examination to determine the presence of striation marks and manufacturing features	Documented In-House method (DU-SOP-008) using <ul style="list-style-type: none"> - visual comparison - polarised light - shadowgraph



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DIGITAL DEVICES AND DATA	<u>Forensic Analysis</u>	
Computers		
Computers and digital storage devices <ul style="list-style-type: none"> - Hard disk drives - Solid state drives - Memory cards - USB flash drives 	Physical capture and preservation of data	Documented in-house method(s) (DMIU-SOP-003) using: <ul style="list-style-type: none"> - AccessData FTK Imager - Guidance EnCase - Guidance FastBloc SE - Evidence Talks SPEKTOR - Guidance Tableau T35iu - CRU WiebeTech Forensic UltraDock - MSAB MC Write-Blocker - UFED MC Write-Blocker
Computers and digital storage devices <ul style="list-style-type: none"> - Hard disk drives - Solid state drives 	Physical capture and preservation of data	Documented in-house method(s) (DMIU-SOP-003) using: <ul style="list-style-type: none"> - Macquisition
Mobile Phones		
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Google Android - Non-smartphone proprietary systems 	Physical capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: <ul style="list-style-type: none"> - UFED - XRY
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Google Android - Non-smartphone proprietary systems 	Logical capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: <ul style="list-style-type: none"> - UFED - XRY - Manual examination
Mobile phone handsets and tablets associated with the following operating systems: <ul style="list-style-type: none"> - Apple iOS - Google Android - Non-smartphone proprietary systems 	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: <ul style="list-style-type: none"> - UFED Physical Analyzer - XRY - XAMN



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DIGITAL DEVICES AND DATA (cont'd)	<u>Forensic Analysis</u> (cont'd)	
Mobile phones (cont'd)		
(U)SIM cards	Logical capture and preservation of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED - XRY
(U)SIM cards	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED Physical Analyzer - XRY - XAMN
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 - XRY
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 - XRY
Memory cards associated with mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (DFU-SOP-006) using: - UFED Physical Analyzer - XRY - XAMN
END		