Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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4590

Accredited to ISO/IEC 17025:2017

Chief Constable of Cheshire Constabulary

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	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 V2 in relation to the Forensic Activities listed below. In addition, where compliance has been demonstrated for the related FSA specific requirements this is stated below at the relevant schedule entry.
BODY FLUIDS and TISSUES	Forensic Testing	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Human DNA examination and analysis
Any Material	Searching for: - Blood	Documented In-house Method (Forensic Laboratory Blood Search and Recovery SOP LAB0005) using: - Visual examination - Low power microscopy
Any Material	Recovery and preparation, including for contingency purposes, with subsequent analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials and swabs: - Blood - Cellular Material	Documented In-house Method (Forensic Laboratory DNA Recovery SOP LAB0033 and LAB0008) using: - Swabs and swabbing - Mini-taping
Blood	Presumptive testing for Blood via detection of: - Peroxidase	Documented In-house Method (Forensic Laboratory KM Presumptive Blood Test SOP LAB0001) using: - KM (Kastle Meyer)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
DIGITAL DEVICES and DATA	Forensic Testing	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics
Computers		
Computers and digital storage devices - Hard disk drives - Solid state drives - M.2 SSD - Memory cards - USB flash drives	Capture and preservation of data from storage devices	Documented in-house method(s) (Digital Forensic EF0015 & EF0018 - EF0021) using: - FTK Imager - Tableau T35689iu - Tableau TX1 - Tableau T356789iu
Mobile phones		
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems	Capture and preservation of data	Documented in-house method(s) (Digital Forensic EF0006) using: - XRY - UFED 4PC (embedded)
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android	Capture and preservation of data	Documented in-house method(s) (Digital Forensic EF0006) using: - Cellebrite Premium ES
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Apple iPadOS	Capture and preservation of data	Documented in-house method(s) (Digital Forensic EF0027) using: - Graykey
Data associated with the following operating systems: - Apple iOS - Apple iPadOS - Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (Digital Forensic EF0006) using: - XRY/XAMN - Physical Analyzer

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
DIGITAL DEVICES and DATA (cont'd)	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics
Mobile phones (cont'd)		
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (Digital Forensic EF0006) using: - XRY - UFED 4PC (embedded)
	Processing of data	Documented in-house method(s) (Digital Forensic EF0006) using: - XRY/XAMN - Physical Analyzer
Memory cards associated with mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (Digital Forensic EF0006) using: - FTK Imager
	Processing of data	Documented in-house method(s) (Digital Forensic EF0006) using: - Physical Analyzer
Closed Circuit CCTV	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Video processing and analysis
Digital Storage Devices: - Memory cards - USB flash drives - Compact discs - Digital versatile discs	Capture and preservation of data - Imaging/Cloning of device - Transfer/Recovery of data	Documented in-house method(s) (EF0052, EF0053 and EF0054) using: - FTK Imager - Tableau T356789iu - AMPED Five

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MARKS and IMPRESSIONS	Forensic Testing	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Friction Ridge Detail: visualisation and enhancement
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks, palm marks and plantar marks	Documented In-house Methods using chemical and physical enhancement techniques (method names provided in brackets): - Acid Dye Treatments (LAB0022): Acid Violet 17 Acid Yellow 7 - Cyanoacrylate (CNA) Fuming (LAB0016) - Basic Yellow 40 (BY40) ethanol based (LAB0013) - Indandione (LAB0034) - Ninhydrin (LAB0015) - Powder Suspensions (LAB0017) Iron oxide based - black Ttitanium dioxide based - white Carbon based – black - Powdering techniques (LAB0035) Aluminium flake powder White granular powder - Lifting techniques (LAB0035) Gel lifting Documented In-house Methods using visual and lighting enhancement techniques : - Visual Examination (LAB0021) - White Light (LAB0021) - High Intensity Light Sources (LAB0020) - Quaser 2000/30 - Blue λ =400-469nm - Green λ =473 – 548nm - Laser (LAB0020) Documented In-house Method for imaging / digital capture: - DCS5 (LAB0019)
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-house Method (LAB0021) using visual examination

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FRICTION RIDGE DETAIL COMPARISON	<u>Forensic Testing</u>	The organisation has demonstrated compliance with the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: Friction Ridge Detail: Comparison
Friction Ridge Detail: - Lifts - Images	Direct comparison of person(s) of interest	Documented in house manual ACE-V procedure, utilising: - Fingerprint glass - Comparators (optical) - Computer screen - Digital Tools: - AGX LIFT SP - High Quality Printer - Store & Forward Printer
	<u>Opinion and Interpretation</u> The analysis, comparison and evaluation of the significance of agreement and disagreement between friction ridge detail to determine whether they are from the same or different source.	Documented In-House methods using - Professional experience - Database

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MARKS AND IMPRESSIONS	Forensic Testing	
Footwear	Coding of scene marks	Documented In-house Method (FFU-SOP-003) – reference to NFRC system (National Footwear Reference Collection)
	Coding of Custody prints taken from suspect footwear	Documented In-house Methods (FFU-SOP-002 & FFU-SOP-025) – reference to NFRC system (National Footwear Reference Collection)
	Screening of suspect footwear by pattern type and size	Documented In-house Method (FFU-SOP-004)
	Enhancement of footwear marks recovered from scenes	Documented In-house Method (FFU-SOP-004) using: - Lighting techniques - ESLA - Gel lifting - Digital capture photography
	Production of test marks from suspect footwear	Documented In-house Method (FFU-SOP-004) using: - Oil and magna powder method - Static powder method - Dynamic powder method
Footwear mark (physically or image)	Assessment, Comparison and evaluation of footwear with scene marks	Documented In-house Method (FFU-SOP-004) using visual examination and dimensional measurements
Footwear mark (physically or image) (cont'd)	Opinion and Interpretation 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 (FFU SOP 004) using: - Personal experience - Database
END		