


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 7841 Accredited to ISO/IEC 17025:2017	British Transport Police Authority Issue No: 017 Issue date: 21 May 2025	
	Scientific Support Unit 14-22 Baches Street London N1 6DL United Kingdom	Contact: Matthew Wakeman Tel: +44 (0) 7917 751519 E-Mail: Matthew.Wakeman@btp.police.uk

Testing performed by the Organisation at the locations specified

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Scientific Support Unit 14-22 Baches Street London N1 6DL United Kingdom	Local contact Matthew Wakeman Tel: +44 (0) 20 7752 4001 Fax: +44 (0) 20 7752 4018 E-Mail: Matthew.Wakeman@btp.police.uk	Forensic Analysis	A
Address Ebury Bridge 3 Ebury Bridge London SW1W 8RP	Local contact Matthew Wakeman Tel: +44 (0) 20 7752 4001 Fax: +44 (0) 20 7752 4018 E-Mail: Matthew.Wakeman@btp.police.uk	Forensic Analysis	B



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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	<u>Forensic Analysis</u>		A
Any Material	Searching for: - Blood	Documented In-House Methods (LS-SOP-03, 06) using: - visual examination - low power microscopy Chemical testing (see below)	
Blood	Presumptive testing for Blood via detection of : Enzyme Activity (Peroxidase)	Documented In-House Method (LS-SOP-06) using: KM (Kastle Meyer)	
Any Material	Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials: Blood	Documented In-House Methods (LS-SOP-09) using: swabs and swabbing	
Any Material	Searching for: Saliva	Documented In-House Method (LS-SOP-03, 08) using: - Visual examination Chemical testing (see below)	
Saliva	Presumptive testing for saliva via detection of: Amylase	Documented In-House Method (LS-SOP-03,08) using: Phadebas paper	



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BODY FLUIDS and TISSUES (cont'd) Any Material	<u>Forensic Analysis</u> (cont'd) 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	Documented In-House Methods (LS-SOP-09) using: <ul style="list-style-type: none">- swabs and swabbingmini-taping	A
MARKS AND IMPRESSIONS Fingermarks. Any material which is capable of retaining friction ridge marks	<u>Forensic Analysis</u> Enhancement of fingermarks and palm marks.	Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets): <ul style="list-style-type: none">- Acid Dye Treatments - ethanol based (LS-SOP-28): Acid Black 1, Acid Violet 17, Acid Yellow 7- Cyanoacrylate (CNA) Fuming (LS-SOP-31)- Basic Yellow 40 (BY40) aqueous and ethanol based (LS-SOP-32)- Physical Developer (LS-SOP-27)- Ninhydrin (LS-SOP-29)	A



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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 and palm marks (cont'd).</p>	<ul style="list-style-type: none">- Powdering Techniques (LS-SOP-17): Aluminium flake powder Black magnetic powder- Lifting techniques ((LS-SOP-14): Tape gel lifter- Powder suspensions (LS-SOP-18): Titanium dioxide based - white Carbon based - black- Indandione (LS-SOP-36)- Visual examination (LS-SOP-03, LS-SOP-14)- White Light (LS-SOP-03, LS-SOP-14)- High Intensity Light Sources (LS-SOP-33, LS-SOP-14)<ul style="list-style-type: none">- Crimelite 82s UV λ = 350-380nm Blue λ = 420-470nm Green λ = 480-560nm- Crimelite ML UV λ = 350-380nm Blue λ = 420-470nm Green λ = 480-560nm	<p>A</p>



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MARKS AND IMPRESSIONS (cont'd) Fingermarks. Any material which is capable of retaining friction ridge marks (cont'd). Developed fingerprint marks	<u>Forensic Analysis</u> (cont'd) Enhancement of fingerprints and palm marks (cont'd). Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House Method (LS-SOP-14) for imaging / digital capture: DCS5 Documented In-House method (LS-SOP-14) using: visual examination	A
FRICTION RIDGE DETAIL Finger and Palm (Non-Cadaver) <u>Marks</u> <ul style="list-style-type: none"> - CSI/FEL Recovered Lifts from physical scenes - CSI/FEL Photographs of marks from physical scene - Fingerprint Enhancement Laboratory Recovered Lifts from physical items - Fingerprint Enhancement Laboratory Photographs of marks from physical items 	<u>Forensic Analysis</u> Analysis, comparison, and evaluation of Friction Ridge Detail as outlined below for the purpose of: <ul style="list-style-type: none"> - Criminal Investigation Elimination Databases <u>Comparison with Ten Print</u> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	Documented in house procedures (FP-SOP-02, FP-SOP-04 and FP-SOP-05) using visual manual techniques: <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (optical) - High Quality Printer - Mark enhancement software <ul style="list-style-type: none"> - AGX Lift-SP 	A



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<p>FRICITION RIDGE DETAIL (cont'd)</p> <p><u>Ten Prints</u></p> <ul style="list-style-type: none"> - Ink - Powder - Livescan 	<p><u>Forensic Analysis</u> (cont'd)</p> <p><u>Comparison with Marks</u></p> <ul style="list-style-type: none"> - CSI/FEL Recovered Lifts from physical scenes - CSI/FEL Photographs of marks from physical scenes - Fingerprint Enhancement Laboratory Recovered Lifts from physical items - Fingerprint Enhancement Laboratory photographs of marks from physical exhibits <p><u>Opinion and Interpretation</u></p> <p>The evaluation of the significance of any matching and non-matching features between sources of friction ridge detail as outlined in the above scope of accreditation.</p>	<p>Documented in house procedures (FP-SOP-02, FP-SOP-04 and FP-SOP-05) using visual manual techniques:</p> <ul style="list-style-type: none"> - Fingerprint glass - Reference collections - Comparators (optical) - High Quality Printer - Mark enhancement software <ul style="list-style-type: none"> - AGX Lift-SP <p>Documented In-House method FP-SOP-04 using</p> <ul style="list-style-type: none"> - Personal experience - Database 	A



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DIGITAL DEVICES AND DATA Computers Computers and digital storage devices <ul style="list-style-type: none">- Hard disk drives- Solid state drives- m.2 SSD- Memory cards- USB flash drives	<u>Forensic Analysis</u> Capture and preservation of data from storage devices	Documented in-house method(s) (DMT-SOP 01 and DMT-SOP-03) using: - <ul style="list-style-type: none">- Tableau TX-1 (DMT-WI-01)- Tableau T8 (DMT-WI-03)- Tableau T35 (DMT-WI-03)- FTK Imager (DMT-WI-03)	B



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DIGITAL DEVICES AND DATA (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Computers and digital storage devices <ul style="list-style-type: none"> - Apple Mac-based computers - Windows/Linux-based computers 	Bootable capture and preservation of data	Documented in-house method(s) (DMT-SOP 01 and DMT-SOP-03) using: - <ul style="list-style-type: none"> - Digital Collector (DMT-WI-02) - Sumuri Paladin (DMT-WI-04) 	B
Closed Circuit CCTV			
Digital Storage Devices <ul style="list-style-type: none"> - Hard disk drives - Solid state drives - Memory cards - USB flash drives - Compact discs - Digital versatile discs - Digital cameras 	Capture and preservation of data <ul style="list-style-type: none"> - Imaging/Cloning of device - Transfer/Recovery of data 	Documented in-house method(s) CCTV-SOP-02 using: <ul style="list-style-type: none"> - Adobe Premiere - Axiom - Handbrake - ShareX 	B
Digital Images/Video	Processing of digital images/video Conversion of digital images/video <ul style="list-style-type: none"> - Rewrapping - Transcoding - Screen capturing 	Documented in-house method(s) (CCTV-SOP-02) using: <ul style="list-style-type: none"> - Adobe Premiere - Axiom - Handbrake - ShareX 	B
END			