Schedule of Accreditation

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United Kingdom Accreditation Service

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

UKAS TESTING **4574** **Accredited to ISO/IEC 17025:2017**	**Chief Constable of West Midlands Police** **Issue No:** 045 **Issue date:** 16 September 2026	
	PO Box 52 **Lloyd House** **Colmore Circus Queensway** **Birmingham** **B4 6NQ**	**Contact: Karen Smith** **Tel: +44 (0)845 844 6164** **E-Mail: karen.smith@west-midlands.police.uk** **Website: www.west-midlands.police.co.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 Not Disclosed	**Local contact** Karen Smith	Forensic Testing: Firearms	A
Address Forensic Science Department Ridgepoint House Birmingham B8 2RU	**Local contact** Karen Smith	Forensic Testing: Body Fluids, Fingerprints, CCTV	B
Address PO Box 52 Lloyd House Colmore Circus Queensway Birmingham	**Local contact** Karen Smith	Forensic Testing: Digital,	C
Address Not Disclosed	**Local contact** Karen Smith	Forensic Testing: Firearms	D

Site activities performed away from the locations listed above:

Location details		Activity	Location code
Incident Scenes including Client Premises	**Local contact** Karen Smith	Forensic Testing: Digital	E
Mobile Laboratory	**Local contact** Karen Smith	Forensic Testing: Digital	F

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
	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.	A, B, C, D, E, F
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 methods (MCL-SOP-010) using: - visual examination - low power microscopy - chemical testing (see below)	B
	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 - Cellular Material	Documented in-house methods (MCL-SOP-010 and MCL-SOP-016) using: - swabs and swabbing - mini-taping	B
Blood	Presumptive testing for Blood via detection of: - Peroxidase - Human Haemoglobin	Documented in-house methods (MCL-SOP-010) using: - LMG (Leucomalachite green) - KM (Kastle Meyer) - OBTI	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FIREARMS	<u>Forensic Testing</u> (cont'd)		
Ammunition	Examination of discharged ammunition components to determine the number of guns used	Documented in house methods (NABIS-OP-3, 8 & 11) using: comparison microscopy	A
	Opinion and Interpretation The evaluation of features between recovered fired ballistic components	Documented in house methods as above using: - Personal experience - Reference Collections	A
	Examination of cartridges to determine if ammunition has been loaded into a firearm	Documented in house methods (NABIS-OP-3, 6 & 11) using: - microscopy and comparison microscopy	A
	Opinion and Interpretation The evaluation of features on recovered unfired ammunition	Documented in house methods as above using: - Personal experience - Reference Collections	A
	Comparison of spent ammunition to suspect guns	National Ballistics Intelligence Service (NaBIS) methods (NABIS-OP-8 & 9) using: - IBIS Bullet Trax, - IBIS Brass Trax, - IBIS Matchpoint Plus	A
	Comparison of spent ammunition to suspect guns	Documented in house methods (NABIS-OP-3, 8, 10 & 11) using: comparison microscopy	A
	<u>Opinion and Interpretation</u> The evaluation of features on recovered fired ballistic components	Documented in house methods as above using: - Personal experience - Reference Collections	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FIREARMS	Forensic Testing (cont'd)		
Ammunition (cont'd)	Ammunition and component identification and legal classification	Documented in house methods (NABIS-OP-3, 6, 7 & 11) using: - Weighing - length measurement - use of known samples or standard reference data	A
Ammunition	Ammunition and component identification and legal classification	Documented In house method (BAL-SOP-002) using : - Weighing - length measurement - use of known samples or standard reference data	D
Firearms	Firearm and firearm component part identification and legal classification (Firearms Act 1968)	Documented in house methods (NABIS-OP-4, 7 & 12) using comparison with known samples, reference standards and publications	A
Firearms	Firearm and firearm component part identification and legal classification (Firearms Act 1968)	Documented In house method (BAL-SOP-001) using comparison with known samples, reference standards and publications	D
Firearms	Firearm identification from class marks present on ammunition components	Documented in house methods (NABIS-OP-3, 8 & 11) using comparison with known samples and use of reference databases.	A
	Opinion and Interpretation The evaluation of features between recovered fired ballistic components	Documented in house methods as above using: - Personal experience - Reference Collections	A
Firearms	Test Firing to generate test samples of ammunition for inclusion in the NABIS database	Documented in house methods (NABIS-OP- 1, 4 & 12) meeting the requirements of NABIS	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FIREARMS (cont'd)	Forensic Testing (cont'd)		
Firearms	Test Firing to assess the functionality of weapons and/or ammunition	Documented In house method (BAL-SOP-001 & BAL-SOP-004) using suspect or reference guns and ammunition	D
Electrical Shock Devices	Identification, classification and function test	Documented In house method (BAL-SOP-001) using: - Visual examination - Function testing	D

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS Fingermarks	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Friction Ridge Detail: visualisation and enhancement	

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 numbers provided in brackets):
		
		- Acid Dye Treatments -ethanol based (FDL SOP-007):
		  - Acid Black 1,
		  - Acid Violet 17
		  - Acid Yellow 7
		- Cyanoacrylate (CNA) Fuming (FDL-SOP-005)
		- Basic Yellow 40 ethanol based (BY40) (FDL-SOP-016)
		- 1,8-Diazafluoren-9-one (DFO) (FDL-SOP-003)
		- Physical Developer (FDL-SOP-011)
		- Ninhydrin (FDL-SOP-002)
		- Indandione (FDL-SOP-017)
		- Powder suspensions (FDL-SOP-009):
		  - Titanium dioxide based - white
		  - Carbon based -black
		  - Iron oxide based
		- Powdering Techniques (FDL-SOP-010):
		  - Black granular powder
		  - Aluminium flake powder
		  - Magneta flake powder
		  - Black magnetic powder
		  - Green fluorescent powder
		  - Green fluorescent magnetic powder
			B
			
			B
			
			B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS (cont'd)	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Friction Ridge Detail: visualisation and enhancement	
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 numbers provided in brackets):	B
		- Vacuum metal Deposition (FDL SOP 018) using: - Au (gold) / Zn (zinc) - Ag (silver)	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS (cont'd)	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: Friction Ridge Detail: visualisation and enhancement	B
Fingermarks (cont'd) Any material which is capable of retaining friction ridge marks (cont'd)	Enhancement of fingermarks, palm marks and plantar marks (cont'd)	Documented in-house methods using visual and lighting enhancement techniques: - Visual Examination. - White Light and Filtered Sources (FDL-SOP-006). - High Intensity Light Sources (FDL-SOP-006): Crimelite 82s Uv λ = 350-380 nm, Crimelite 8x4 Violet λ =395-425nm Blue λ =430-470nm Blue/green λ=450-510nm Green λ = 490-560nm Red λ = 600-660nm Infrared λ = 730-800nm Crimelite ML2 Violet λ =395-425nm Blue λ =430-470nm Blue/green λ=450-510nm Green λ = 490-560nm XLCrimelite Blue λ =420-470nm Blue/green λ=450-510nm Green λ = 480-560nm Orange λ = 570-610nm Laser - λ = 577nm CopperTree FITs Blue λ =445nm Green λ=520nm CopperTree TUS laser λ =365nm; 445nm and 532nm CopperTree laser λ =577nm	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
MARKS AND IMPRESSIONS (cont'd)	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: Friction Ridge Detail: visualisation and enhancement	
Fingermarks (cont'd)		Documented in-house methods for imaging / digital capture (FDL-SOP-008) - Digital SLR (FDL-SOP008) - DCS5 (FDL-SOP-008) - DCS5 in UV, IR and reflectance mode - (FDL-SOP-006)	B
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented in-house methods (FDL-SOP-004) using visual examination	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
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 (FB-SOP-003 and FB-SOP-004), utilising:
		- Fingerprint glass
		- Comparators (optical)
		- Digital Tools:
		  - Corel Paintshop Pro
		- High Quality Printer
		  - Store & Forward Printer
			B

Friction Ridge Detail - Lifts - Images	Identity check	Documented in house manual ACE-V procedure (FB-WI-20), utilising: - Fingerprint glass - Comparators (optical) - High Quality Printer - Store & Forward Printer	B
	<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 - Personal experience - Database	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA	<u>Forensic Testing</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Video processing and analysis	
Closed circuit CCTV	<u>Forensic Testing</u>		
Digital Video Recorders	Capture and preservation of data - Export video (exporting files using CCTV system, copying via analogue or digital output)	Documented in-house method(s) (DVIT-WI-003) using: - Manual interaction with system and / or device - DVR Examiner (DVIT-WI-018) - A range of CCTV proprietary software players (DVIT-WI-018) - Networking - USB - Compact Disks - Digital versatile discs	B
Digital Images/Video	Processing of digital images/video Production of digital stills - Redaction - Annotation	Documented In-house method(s) using: - Ocean Systems Omnivore (DVIT-WI-013) - A range of CCTV proprietary software players (DVIT-WI-018)	B
Digital Images/Video	Processing of digital images/video Conversion of digital images/video - Transcoding - Screen capturing - Digital data carving - Media file repair	Documented In-house method(s) using: - Omnivore (DVIT-WI-014) - Matrox Convertor (DVIT-WI-014) - 010 Editor and Winhex (DVIT-WI-018) - Adobe Premier (DVIT-WI-021)	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA Computers	<u>Forensic Testing</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: Digital forensics	
Computers and digital storage devices - Hard disk drives - Solid state drives	Capture and preservation of data from storage devices	Documented in-house method (DAT-SOP-001) using: - FTK Imager - X-Ways Forensics - Task Force - TX1 - Tableau T35u	C
Computers and digital storage devices - Memory cards	Capture and preservation of data from storage devices	Documented in-house method (DAT-SOP-001) using: - FTK Imager - X-Ways Forensics	C
Computers and digital storage devices - USB flash drives	Capture and preservation of data from storage devices	Documented in-house method (DAT-SOP-001) using: - FTK Imager - X-Ways Forensics - Task Force - TX1 - Tableau T8u	C
Computers and digital storage devices - CDs - DVDs	Capture and preservation of data from storage devices	Documented in-house method (DAT-SOP-001) using: - EnCase - Tableau T8	C
Computers and digital storage Devices - Apple Mac-based computers	Bootable capture and preservation of data	Documented in-house method (DAT-SOP-001) using: - Digital Collector	C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
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	
Data associated with the following: - macOS	Processing of data	Documented in-house methods (DAT-SOP-004) using: - Axiom (DAT-WI-016) - Inspector (DAT-WI-017)	C
Data associated with the following: - Microsoft Windows - macOS	Analysis of data - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis - Application Analysis	Documented in-house method(s) (DART-SOP-001) using: - Axiom (DAT-WI-016)	C
Data associated with the following: - macOS	Analysis of data - Keyword Analysis - Manual Bookmarking - File Data Filtering - Database Analysis - Application Analysis - Date/Timelining	Documented in-house method (DART-SOP-001) using: - Inspector (DAT-WI-017)	C
Data associated with the following: - Microsoft Windows - macOS	Analysis of data - Keyword Analysis - Manual Bookmarking - File Data Filtering	Documented in-house method(s) (DART-SOP-001) using: - X-Ways Forensics (DAT-WI-014)	C
Data associated with the following: - Microsoft Windows - macOS	Analysis of data - File Data Filtering	Documented in-house method (DART-SOP-001) using: - Laseri-X (DART-WI-004)	C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
DIGITAL DEVICES AND DATA (cont'd) Mobile phones	Forensic Testing (cont'd)	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: - Digital forensics	
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android	Capture and preservation of data	Documented in-house method(s) (DAT-SOP-003) using: - GrayKey (DAT-WI-027)	C
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android - Non-smartphone proprietary systems	Capture and preservation of data	Documented in-house method(s) (DAT-SOP-003) using: - XRY - Inseyets - Manual examination using Digital Camera	C
Mobile phone handsets and tablets associated with the following operating systems: - Apple iOS - Android - Non-smartphone proprietary systems	Processing of data	Documented in-house method(s) (DAT-SOP-003) using: - XRY/XAMN - Inseyets - Axiom	C
Data associated with the following operating systems: - Apple iOS - Android - Non-smartphone proprietary systems	Analysis of data - Keyword Analysis - Date/Timelining - Manual Bookmarking - File Data Filtering - Database Analysis - Application Analysis	Documented in-house method(s) (DAT-SOP-001) using: - Inseyets - Axiom	C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
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	
Data associated with the following operating systems: - Apple iOS - Android - Non-smartphone proprietary systems	Analysis of data - File Data Filtering	Documented in-house method(s) (DAT-SOP-001) using: - Laseri-X	C
(U)SIM cards	Capture and preservation of data	Documented in-house method(s) (DAT-SOP-003) using: - Inseyets	C
(U)SIM cards	Processing of data	Documented in-house method(s) (DAT-SOP-003) using: - Inseyets	C
Mobile phones (cont'd)			
Memory cards associated with mobile phone handsets and tablets	Capture and preservation of data	Documented in-house method(s) (DAT-SOP-003) using: - FTK Imager	C
Memory cards associated with mobile phone handsets and tablets	Processing of data	Documented in-house method(s) (DAT-SOP-003) using: - Inseyets	C
Computers			
Computer 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) (SAT-SOP-001) using: - KAPE - Tableau T7u - Tableau T8u - Tableau T35u - Tableau T8	E, F

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
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	
Data associated with the following: - Microsoft Windows	Screening of digital media for the following: - Digital Images - Digital video - Emails - Documents - Web history	Documented in-house method(s) (SAT-SOP-001) using: - AXIOM - X-Ways	E, F
Data associated with the following: - MacOS	Screening of digital media for the following: - Digital Images - Digital video - Documents - Web history	Documented in-house methods (SAT-SOP-001 & SAT-SOP-002) using: - X-Ways	E, F
Mobile phone handsets and tablets associated with the following operating systems - Apple iOS - Android - Non-smartphone proprietary systems	Capture and Preservation of data	Documented in-house method (SAT-SOP-001) using: Manual examination using a digital camera	E, F
(u)SIM cards	Capture and Preservation of data	Documented in-house method(s) (SAT-SOP-001) using: - Inseyets	E, F
(u)SIM cards	Processing of data	Documented in-house method(s) (SAT-SOP-001) using: - Inseyets	E, F
(u)SIM cards	Screening for the following: - Contacts - Handset information	Documented in-house method(s) (SAT-SOP-001) using: - Inseyets	E, F

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 Testing</u> (cont'd) Legal classification of controlled drugs (Misuse of Drugs Act 1971)		
	Presumptive testing for: - Amphetamine - Methylamphetamine - Halogen ring substituted phenethylamines - Ring-substituted amphetamines - Methylenedioxyring substituted cathinones - Opiates	Documented in house method (DEL-SOP-007) using spot test - Marquis reagent	B
	Presumptive testing for: Cocaine	Documented in house method (DEL-SOP-007) using spot test - Acidified Cobalt Thiocyanate colour test	B
	Presumptive testing for: Ketamine	Documented in house method (DEL-SOP-007) using Spot test - Modified Cobalt Thiocyanate colour test	B
	Identification of - Amphetamine - Cannabidiol (CBD) - Delta-9-Tetrahydrocannabinol (THC) - Cannabinol (CBN) - Cocaine - Diamorphine - Diazepam - Ketamine - Methyelenedioxymethylamphetamine (MDMA) - Methylamphetamine - Methylmethcathinone	Documented in house method (DEL-SOP-011) using - GC-MS	B

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) (cont'd)	Forensic Testing (cont'd)		
	Identification of - Cocaine hydrochloride - Cocaine (base) - Diamorphine - Diazepam - Ketamine - Methyelenedioxymethylamphetamine (MDMA) - Methylamphetamine - Methylmethcathinone (MMC)	Documented in house method (DEL-SOP-012) using - FTIR	B
	Identification of additives and diluents commonly associated with drugs: - Benzocaine - Caffeine - Levamisole - Lignocaine - Paracetamol - Phenacetin - Procaine	Documented in house method (DEL-SOP-011) using - GC-MS	B
	Identification of additives and diluents commonly associated with drugs: - Benzocaine - Caffeine - Lignocaine - Paracetamol - Phenacetin - Procaine - Lactose - Boric Acid - Creatine monohydrate - Sodium bicarbonate	Documented in house method (DEL-SOP-012) using - FTIR	B
	Identification of cannabis, cannabis resin and cannabis products	Documented in house method (DEL-SOP-006) using - Visual examination - Microscopy - GC-MS	B

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) (cont'd)	Forensic Testing (cont'd) Identification of characteristically marked proprietary pharmaceuticals, illicit copies and other drugs products	Documented in house method (DEL-SOP-001, DEL-WI-004) using visual comparison of appearance, markings and dimensions with reference materials, data collections and descriptions in authoritative texts	B
END			