Schedule of Accreditation

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United Kingdom Accreditation Service

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Accredited to ISO/IEC 17025:2017

Chief Constable of North Wales Police

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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.
DIGITAL DEVICES AND DATA Computers	Forensic Analysis	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 - M.2 SSD - USB flash drives	Capture and preservation of data from storage devices	Documented in-house method(s) (, DFU-SOP-016, DFU-SOP-017) using: - X-Ways Forensics - Acquire - Tableau T356789iu
Computers and digital storage devices - Hard disk drives Solid state drives	Capture and preservation of data from storage devices	Documented in-house method(s) SOP-016, DFU-SOP-017) using: - X-Ways Forensics - Acquire - Tableau T35u
Computers and digital storage devices - USB flash drives	Capture and preservation of data from storage devices	Documented in-house method(s) SOP-016, DFU-SOP-017) using: - X-Ways Forensics - Acquire - Tableau T8u

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
DIGITAL DEVICES AND DATA (cont'd)	<u>Forensic Analysis (cont'd)</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics
Computers (cont'd)		
Computers and digital storage devices - Memory cards	Capture and preservation of data from storage devices	Documented in-house method(s) SOP-016, DFU-SOP-017) using: - X-Ways Forensics - Acquire
Computers and digital storage devices - Apple Mac-based computers	Bootable capture and preservation of data	Documented in-house method(s) (DFU-SOP-016, DFU-SOP-035) using: - Digital Collector
Computers and digital storage devices - Windows/Linux-based computers	Bootable capture and preservation of data	Documented in-house method(s) (, DFU-SOP-014, DFU-SOP-016,) using: - CAINE
Computers and digital storage devices - Compact discs - Digital versatile discs	Capture and preservation of data from storage devices	Documented in-house method(s) (DFU-SOP-011, DFU-SOP-016,) using: - EnCase
Computers and digital storage devices - Hard disk drives - Solid state drives - M.2 SSD - USB flash drives	Automated capture and preservation of data from storage devices	Documented in-house method(s) (DFU-SOP -016, DFU-SOP-017) - Automate with X-Ways Forensics - Automate with Acquire CLI - Tableau T356789iu.
Computers and digital storage devices - Hard disk drives - Solid state drives	Automated capture and preservation of data from storage devices	Documented in-house method(s) (DFU-SOP -016, DFU-SOP-017) - Automate with X-Ways Forensics - Automate with Acquire CLI - Tableau T35u

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
DIGITAL DEVICES AND DATA (cont'd)	<u>Forensic Analysis (cont'd)</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice V2 FSA Specific Requirements: • Digital forensics
Computers (cont'd)		
Computers and digital storage devices - USB flash drives	Automated capture and preservation of data from storage devices	Documented in-house method(s) (DFU-SOP -016, DFU-SOP-017) - Automate with X-Ways Forensics - Automate with Acquire CLI - Tableau T8u
Computers and digital storage devices - Memory cards	Automated capture and preservation of data from storage devices	Documented in-house method(s) (DFU-SOP -016, DFU-SOP-017) - Automate with X-Ways Forensics - Automate with Acquire CLI

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MARKS AND IMPRESSIONS	Forensic Analysis	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 and palm marks	Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets): - Cyanoacrylate (CNA) Fuming (SSL-SOP-014) - Basic Red 14 (ethanol based) (SSL-SOP-015) - Ninhydrin (SSL-SOP-012) - Powder Suspension (SSL-SOP-11): - Titanium dioxide based -white Carbon based – black - Acid dye treatments, ethanol based (SSL-SOP-036): Acid Violet 17, Acid Yellow 7 Acid Black 1 - 1,2-Indandione (SSL-SOP-039) - Powdering techniques (SSL-SOP-038) Aluminium flake powder Black Magnetic SupraNano Magneta Flake powder Black Granular powder White Granular powder - Lifting techniques (SSL-SOP-038) J-Lar tape for recovery of powder developed friction ridge detail

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
MARKS AND IMPRESSIONS (cont'd)	Forensic Analysis (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 Any material which is capable of retaining friction ridge marks (cont'd)	Enhancement of fingermarks and palm marks (cont'd)	Documented In-House Methods using visual and lighting enhancement techniques - Visual Examination - White Light and Filtered Sources (SSL-SOP-020) - High Intensity Light Sources (SSL-SOP-020) Laser (λ=532nm) Crime Lite 82s: UV (λ=350-380nm) Blue (λ=420-470nm) Green (λ=480-560nm) MLD Crime Lite Reflective UV (λ=365nm) Reflective IR (λ=850nm)
Fingermarks Any material which is capable of retaining friction ridge marks	Enhancement of fingermarks and palm marks	Documented In-House Methods for imaging / digital capture (SSL-SOP-018) using; - DCS5
Polymer bank notes		Documented In-House Methods for imaging / digital capture (SSL-SOP-018) using; - DCS5 with UV and IR reflectance modes
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House methods using visual examination (SSL-SOP-028)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FRICTION RIDGE DETAIL COMPARISON	<u>Forensic Analysis</u>	The organisation has demonstrated compliance to 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) - 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
END		