


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>7664</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Chief Constable of Cumbria Constabulary</p> <p>Issue No: 016 Issue date: 12 November 2021</p>	
	<p>Cumbria Constabulary Scientific Support Department Carleton Hall Penrith CA10 2AU</p>	<p>Contact: Mrs Rachel Mandale Tel: +44 (0) 300 124 0113 (ext 49317) E-Mail: rachelm.mandale@cumbria.pnn.police.uk Website: www.cumbria.police.uk</p>
<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
<p>DIGITAL DEVICES AND DATA</p> <p>Computers</p> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> - Hard disk drives - Solid state drives - Memory cards - USB flash drives <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> - Hard disk drives - Solid state drives <p>MARKS AND IMPRESSIONS</p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p> <p>Polymer banknotes only</p>	<p><u>Forensic Testing</u></p> <p><u>Forensic Analysis</u></p> <p>Physical capture and preservation of data</p> <p>Physical capture and preservation of data</p> <p>Enhancement of fingermarks</p>	<p>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</p> <p>Documented in-house method(s) using:</p> <ul style="list-style-type: none"> - Guidance EnCase Forensic Imager (DFU-SOP-03) - AccessData FTK Imager (DFU-SOP-03) - Guidance Tableau T35u (DFU-SOP-03) <p>Documented in-house method(s) using:</p> <ul style="list-style-type: none"> - BlackBag MacQuisition (DFU-SOP-07) <p>Documented in-house methods using chemical and physical enhancement techniques (method numbers provided in brackets):</p> <ul style="list-style-type: none"> - Ninhydrin (FEL-SOP-03) - Cyanoacrylate (CNA) fuming and Basic Yellow 40 (BY40) (Ethanol and Aqueous formulations) (FEL-SOP-05) - Vacuum Metal Deposition (Ag/Zn)(FEL-SOP-17)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Fingermarks (cont'd) (Any material which is capable of retaining friction ridge marks)	Enhancement of fingermarks (cont'd)	Documented in-house method using visual and lighting enhancement techniques (FEL-SOP-06 and 16): <ul style="list-style-type: none"> - Visual examination - White light - High intensity light sources <ul style="list-style-type: none"> - Crimelite 82s Blue ($\lambda = 420-470\text{nm}$) Green ($\lambda = 480-560\text{nm}$) <p>Documented in-house method for imaging/digital capture:</p> <ul style="list-style-type: none"> - Digital SLR (FEL-SOP-10)
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented in-house method (FEL-SOP-16) using visual examination
Fingermark and palm mark friction ridge detail	Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from: <ul style="list-style-type: none"> - Known ink TENPRINTS - Known electronic TENPRINTS <p><u>Opinion and Interpretation</u> The evaluation of features between Fingermark and palm mark friction ridge detail</p>	Documented in-house methods (FB-SOP-01) using visual examination, low power magnification, comparators, dimensional measurements and reference databases.
		Documented in-house methods (FB-SOP-01, FB-SOP-02) using: <ul style="list-style-type: none"> - Personal experience - Database
END		