


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>7711</b> Accredited to ISO/IEC 17025:2017	<b>Chief Constable of Gloucestershire Constabulary</b>	
	Issue No: 014 Issue date: 20 November 2021	
	<b>Gloucestershire Constabulary</b> <b>Forensic Services</b> <b>County Police Headquarters</b> <b>No.1 Waterwells</b> <b>Waterwells Drive</b> <b>Quedgeley</b> <b>Gloucester</b> <b>GL2 2AN</b>	<b>Contact: Elizabeth Holland</b> <b>Tel: +44 (0)1452 752042</b> <b>Email: Elizabeth.holland@gloucestershire.police.uk</b> <b>Website: www.gloucestershire.police.uk</b>

**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				
<table border="0"><tr><td><b>Address</b></td><td><b>Local contact</b></td></tr><tr><td>Gloucestershire Constabulary Forensic Services County Police Headquarters No.1 Waterwells Waterwells Drive Quedgeley Gloucester GL2 2AN</td><td>Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire. police.uk Website: www.gloucestershire.police.uk  Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire. police.uk Website: www.gloucestershire.police.uk</td></tr></table>	<b>Address</b>	<b>Local contact</b>	Gloucestershire Constabulary Forensic Services County Police Headquarters No.1 Waterwells Waterwells Drive Quedgeley Gloucester GL2 2AN	Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire. police.uk Website: www.gloucestershire.police.uk  Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire. police.uk Website: www.gloucestershire.police.uk	<b>Forensic Analysis:</b>  Fingerprint Comparison   Fingerprint Enhancement	A
<b>Address</b>	<b>Local contact</b>					
Gloucestershire Constabulary Forensic Services County Police Headquarters No.1 Waterwells Waterwells Drive Quedgeley Gloucester GL2 2AN	Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire. police.uk Website: www.gloucestershire.police.uk  Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire. police.uk Website: www.gloucestershire.police.uk					
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<b>Address</b>	<b>Local contact</b>					
Prism House Davy Way Quedgeley Gloucester Gloucestershire GL2 2AD	Contact: Elizabeth Holland Tel: +44 (0)1452 752042 Email: Elizabeth.holland@gloucestershire. police.uk Website: www.gloucestershire.police.uk					



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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
	<u>Forensic Analysis</u>	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	A, B
<p>MARKS AND IMPRESSIONS</p> <p>FINGERMARKS</p> <p>Any material which is capable of retaining friction ridge marks</p>	<p><u>Forensic Analysis/Examination</u></p> <p>Enhancement of fingermarks, palm marks and plantar marks</p>	<p>Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets)</p> <ul style="list-style-type: none"> <li>- Ninhydrin (CDL SOP 3)</li> <li>- Cyanoacrylate (CNA) fuming + ethanol based BY40 (CDL SOP 1)</li> <li>- 1,8-Diazafluoren-9-one (DFO) (CDL SOP 2)</li> <li>- Acid Dye Treatments all ethanol based (CDL SOP 8): Acid Black 1, Acid Violet 17, Acid Yellow 7</li> <li>- Vacuum Metal Deposition (Gold/Zinc) (CDL SOP 7)</li> <li>- Powder suspensions (CDL SOP 6): Carbon based -black Iron Oxide based-black Titanium dioxide based - white</li> </ul>	A



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		<p>Documented In-House Method using visual and lighting techniques (CDL SOP 4)</p> <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- White light and filtered sources</li> <li>- High Intensity Light sources</li> </ul> <p>CrimeLite ML: Blue (<math>\lambda = 430-470\text{nm}</math>) Green (<math>\lambda = 490-560\text{nm}</math>)</p> <p>CrimeLite ML2: Blue (<math>\lambda = 420-470\text{nm}</math>) Green (<math>\lambda = 490-560\text{nm}</math>)</p> <p>Crime Lite 82s: UV (<math>\lambda = 350-380\text{nm}</math>) white &amp; filtered (<math>\lambda = 400-700\text{nm}</math>); blue (<math>\lambda = 420-470\text{nm}</math>) blue/green (<math>\lambda = 445-510\text{nm}</math>) green (<math>\lambda = 480-560\text{nm}</math>); orange (<math>\lambda = 570-610\text{nm}</math>)</p>	A
		<p>Documented In-House Method for imaging / digital capture</p> <ul style="list-style-type: none"> <li>- DCS5 (CDL SOP 11)</li> <li>- Digital SLR (CDL SOP 5)</li> <li>- DCS3 (CDL SOP 5)</li> </ul>	A
Developed fingerprint marks	Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison	Documented In-House method using visual examination (CDL SOP 4)	A



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Fingermark, palm mark and plantar friction ridge detail	Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from: - Known ink TENPRINTS - Known electronic TENPRINTS - Known ink plantar print	Documented In-House methods (FAB-SOP2) using visual examination, low power magnification, comparators, dimensional measurement and reference database.	A
DIGITAL DEVICES AND DATA	<u>Opinion and Interpretation</u> The evaluation of matching features between fingermark, palm mark and plantar friction ridge detail	Documented In-House methods (FAB-SOP2) using - Personal experience - Database	A
Computers	<u>Forensic Analysis</u>		B
Computers and digital storage devices - Hard disk drives - Solid state drives - Memory cards USB flash drives	Physical capture and preservation of data	Documented in-house method(s) (DFU SOP 01) using: - AccessData FTK Imager - Guidance Tableau T356789iu	
END			