


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>8303</b> Accredited to ISO/IEC 17025:2017	<b>The City of London Police Commissioner</b>	
	Issue No: 012    Issue date: 01 March 2022	
	<b>Kings College London</b> 150 Stamford Street London SE1 9NH	<b>Contact: Oswald De Souza</b> Tel: +44 (0)20 7601 2531 E-Mail: <a href="mailto:Oswald.De-Souza@city-of-london.pnn.police.uk">Oswald.De-Souza@city-of-london.pnn.police.uk</a> Website: <a href="http://www.cityoflondon.police.uk">www.cityoflondon.police.uk</a>
<b>Testing performed by the Organisation at the locations specified</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address:</b> Kings College London <b>Local contact:</b> Oswald De Souza	Fingerprint Enhancement	A
<b>Address</b> 182 Bishopsgate London <b>Local contact:</b> Oswald De Souza	Fingerprint Comparison	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
<p>MARKS AND IMPRESSIONS</p> <p>Fingermarks. Any material which is capable of retaining friction ridge marks</p>	<p>Forensic Testing</p> <p><u>Forensic Analysis</u></p> <p>Enhancement of fingermarks, palm marks and plantar marks</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 Methods using chemical enhancement and lighting techniques (method numbers provided in brackets):</p> <ul style="list-style-type: none"> <li>- Powder Suspensions (SOP_05): Carbon based - black Titanium dioxide based – white</li> <li>- Acid dye treatments -aqueous (SOP_07) Acid Black 1 Acid Violet 17 Acid Yellow 7</li> <li>- Cyanoacrylate (CNA) Fuming (SOP-03)</li> <li>- Basic Yellow 40 (BY40) ethanol based (SOP_04)</li> <li>- Ninhydrin (SOP_01)</li> <li>- 1,8-Diazafluoren-9-one (DFO) (SOP_02)</li> </ul>	<p>A</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<p><b>MARKS AND IMPRESSIONS (cont'd)</b></p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p><u>Forensic Analysis (cont'd)</u></p> <p>Enhancement of fingermarks, palm marks and plantar marks</p>	<p>Documented In-House Methods using visual and lighting enhancement techniques:</p> <ul style="list-style-type: none"> <li>- Visual examination (SOP_09 &amp; 10)</li> <li>- White light</li> <li>- High Intensity Light Sources (SOP_09)</li> </ul> <p>Crime Lite ML2 UV (<math>\lambda = 350-380\text{nm}</math>) Blue (<math>\lambda = 420-470\text{nm}</math>), Green (<math>\lambda = 490-560\text{nm}</math>),</p> <p>Crime Lite Violet (<math>\lambda = 400-430\text{nm}</math>), Blue (<math>\lambda = 430-470\text{nm}</math>), Blue/green (<math>\lambda = 460-510\text{nm}</math>), Green (<math>\lambda = 500-550\text{nm}</math>)</p> <p>Crime Lite 80s Green (<math>\lambda = 500-550\text{nm}</math>)</p> <p>Crime Lite 82s UV (<math>\lambda = 350-380\text{nm}</math>), Green (<math>\lambda = 480-560\text{nm}</math>), Orange (<math>\lambda = 570-610\text{nm}</math>)</p> <p>Crime Lite 8x4 UV (<math>\lambda = 350-380\text{nm}</math>) Violet (<math>\lambda = 395-425\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>	<p>A</p>
<p>Developed fingerprint marks</p>	<p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p>	<p>Documented In-House Methods (SOP_11) for imaging / digital capture</p> <ul style="list-style-type: none"> <li>- DCS4</li> </ul> <p>Documented In-House methods (SOP-10) using visual examination</p>	<p>A</p>



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Fingermark and palm mark friction ridge detail	Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb, and palm with: <ul style="list-style-type: none"><li>- Known ink TENPRINTS</li><li>- Known electronic TENPRINTS</li><li>-</li></ul>	Documented In-House methods using visual examination, low power magnification, comparators, dimensional measurements and reference databases (SOP_FPB01, SOP_FPB02, SOP_FPB04)	B
	<u>Opinion and Interpretation</u> The evaluation of features between Fingermark and palm mark friction ridge detail	Documented In-House methods using <ul style="list-style-type: none"><li>- Personal experience</li><li>- database</li></ul>	B
END			