


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>7716</b></p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Chief Constable of Devon and Cornwall Police</h3> <p>Issue No: 019    Issue date: 23 March 2022</p>	
	<p><b>Scientific Services Unit</b> Force Headquarters Middlemoor Exeter EX2 7HQ</p>	<p><b>Contact: Fiona Miller</b> Tel: +44 (0)7547 658990 Email: <a href="mailto:Fiona.Miller@avonandsomerset.police.uk">Fiona.Miller@avonandsomerset.police.uk</a> Website: <a href="http://www.devon-cornwall.police.uk">www.devon-cornwall.police.uk</a></p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p><b>MARKS AND IMPRESSIONS</b></p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p><u>Forensic Analysis</u></p> <p>Enhancement of fingermarks and palm 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>- Acid Dye Treatments ethanol based (FEL/P/3.6): Acid Yellow 7 Acid Black 1 Acid Violet 17</li> <li>- Cyanoacrylate (CNA) Fuming (FEL/P/3.3)</li> <li>- Basic Yellow 40 (BY40) ethanol based (FEL/P/3.3)</li> <li>- Ninhydrin (FEL/P/3.2)</li> <li>- 1,2- Indandione (FEL/P/3.10)</li> <li>- Physical Developer (FEL/P/3.8)</li> <li>- Powdering Techniques: Aluminium Flake Powder, Magneta Flake Powder, Black Magnetic Powder (FEL/P/3.5)</li> <li>- Lifting techniques (FEL/P/3.5): <ul style="list-style-type: none"> <li>- Gel lifting</li> <li>- J-Lar tape</li> <li>- Ezetape</li> </ul> </li> <li>- Powder Suspensions (FEL/P/3.4): Iron Oxide based- black, Carbon based -black, Titanium Dioxide based – white</li> <li>- Vacuum Metal Deposition Au/Zn and Ag (FEL/P/3.7)</li> </ul>



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<p><b>MARKS AND IMPRESSIONS</b></p> <p>Fingermarks Any material which is capable of retaining friction ridge marks</p>	<p>Forensic Analysis (cont'd)</p> <p>Enhancement of fingermarks and palm marks cont'd</p>	<p>Documented In-House Methods using visual and lighting enhancement techniques:</p> <ul style="list-style-type: none"> <li>- Visual examination</li> <li>- White light and filtered sources (FEL/P/3.1)</li> <li>- High intensity light sources (FEL/P/3.1)               <ul style="list-style-type: none"> <li>Crimelite 80s</li> <li>Blue (<math>\lambda=430-470\text{nm}</math>)</li> <li>Blue/green (<math>\lambda=460-510\text{nm}</math>)</li> <li>Green (<math>\lambda=500-550\text{nm}</math>)</li> <li>Crimelite 82S</li> <li>UV (<math>\lambda=350-380\text{nm}</math>)</li> <li>Blue (<math>\lambda=420-470\text{nm}</math>)</li> </ul> </li> </ul> <p>Documented In-House Methods for imaging / digital capture</p> <ul style="list-style-type: none"> <li>- DCS5 with UV, IR and reflectance modes (FEL/P/4, FEL/P/5)</li> </ul>
<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 method using visual examination (FEL/P/3.1)</p>



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<p>DIGITAL DEVICES AND DATA</p> <p>Computers</p> <p>Computers and digital storage devices</p> <ul style="list-style-type: none"> <li>- Hard disk drives</li> <li>- Solid state drives</li> <li>- Memory cards</li> <li>- USB flash drives</li> </ul> <p>Data associated with the following:</p> <ul style="list-style-type: none"> <li>- Microsoft Windows</li> <li>- macOS</li> <li>- Linux/Unix</li> </ul>	<p>Forensic Analysis</p> <p>Physical capture and preservation of data</p> <p>Processing and analysis of data</p>	<p>Documented in-house method(s) (DF/P/3.1) using:</p> <ul style="list-style-type: none"> <li>- FTK Imager</li> <li>- Tableau TD3</li> <li>- Tableau Imager</li> <li>- Tableau T356789iu</li> <li>- Tableau T8-R2</li> <li>- T35i</li> </ul> <p>Documented in-house method(s) (DF/P/3.2,3.3,3.8) using:</p> <ul style="list-style-type: none"> <li>- EnCase</li> <li>- C4ALL</li> <li>- IEF</li> </ul>
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