


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>7841</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>British Transport Police Authority</h3> <p>Issue No: 010 Issue date: 28 June 2021</p>	
	<p>Scientific Support Unit 14-22 Baches Street London N1 6DL United Kingdom</p>	<p>Contact: Matthew Wakeman Tel: +44 (0) 20 7752 4001 Fax: +44 (0) 20 7752 4018 E-Mail: Matthew.Wakeman@btp.pnn.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
BODY FLUIDS and TISSUES	<u>Forensic Analysis</u>	
Any Material	Searching for: - Blood - Saliva	Documented In-House Methods (LS-SOP-06, 08) using: - visual examination - low power microscopy - Chemical testing (see below)
Any Material	Recovery and preparation, including for contingency purposes, for subsequent DNA analysis by an ISO/IEC 17025 accredited laboratory of the following from searched materials: - Blood - Cellular Material	Documented In-House Methods (LS-SOP-06, 08, 09) using: - swabs and swabbing - mini taping (not including blood) - cutting (not including blood)
Blood	Presumptive testing for Blood via detection of: - Enzyme Activity (Peroxidase)	Documented In-House Method (LS-SOP-06) using: - Visual Examination - KM (Kastle Meyer)
Saliva	Presumptive testing for saliva via detection of: - Amylase	Documented In-House Method (LS-SOP-08) using: - Visual examination Phadebas paper
MARKS AND IMPRESSIONS	<u>Forensic Analysis</u>	
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): - Acid Treatments: Acid Black 1, Acid Violet 17, Acid Yellow 7 – all ethanol based (LS-SOP-28)



7841
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

British Transport Police Authority
Issue No: 010 **Issue date:** 28 June 2021

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>Fingermarks. Any material which is capable of retaining friction ridge marks (cont'd)</p>	<p><u>Forensic Analysis</u> (cont'd)</p> <p>Enhancement of fingermarks and palm marks. (cont'd)</p>	<p>Documented In-House Methods using chemical and physical enhancement techniques (method numbers provided in brackets):</p> <ul style="list-style-type: none"> - Cyanoacrylate (CNA) Fuming (LS-SOP-31) - Basic Yellow 40 (BY40) aqueous and ethanol based (LS-SOP-32) - 1,8-Diazafluoren-9-one (DFO) (LS-SOP-30) - Physical Developer (LS-SOP-27) - Ninhydrin (LS-SOP-29) - Powdering Techniques: aluminium and black magnetic (LS-SOP-17) - Lifting techniques ((LS-SOP-14): tape gel lifter - Liquid powder suspension: titanium dioxide based and carbon black based (LS-SOP-18). <p>Documented In-House Methods using visual and lighting enhancement techniques:</p> <ul style="list-style-type: none"> - Visual examination (LS-SOP-03) - White Light (LS-SOP-03) - High Energy Light Sources (LS-SOP-33) <ul style="list-style-type: none"> - Crimelite 82s UV λ = 350-380nm Blue λ = 420-470nm Green λ = 480-560nm - Crimelite ML UV λ = 350-380nm Blue λ = 420-470nm Green λ = 480-560nm <p>Documented In-House Method (LS-SOP-14) for imaging / digital capture:</p> <ul style="list-style-type: none"> - DCS5



7841
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

British Transport Police Authority
Issue No: 010 **Issue date:** 28 June 2021

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>MARKS AND IMPRESSIONS (cont'd)</p> <p>Developed fingerprint marks</p> <p>Fingermark and palm mark friction ridge detail</p>	<p><u>Forensic Analysis (cont'd)</u></p> <p>Determination of the presence of friction ridge characteristics for the purpose of subsequent comparison</p> <p>Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from:</p> <ul style="list-style-type: none">- Known ink TENPRINTS- Known electronic TENPRINTS- Recovered lifts- Images of recovered friction ridge detail <p><u>Opinion and Interpretation</u> The evaluation of features between fingermark and palm mark friction ridge detail</p>	<p>Documented In-House method (LS-SOP-14) using:</p> <ul style="list-style-type: none">- visual examination <p>Documented In-House method FP-SOP-02, FP-SOP-04 and FP-SOP-05 using visual examination, low power magnification, comparators, dimensional measurements and reference databases.</p> <p>Documented In-House method FP-SOP-04 using</p> <ul style="list-style-type: none">- Personal experience- Database
END		