


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>UKAS TESTING</p> <p>2695</p> <p>Accredited to ISO/IEC 17025:2005</p>	<p>Scottish Police Services Authority (SPSA) Forensic Services (Aberdeen)</p> <p>Issue No: 013 Issue date: 19 December 2011</p>	
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<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>TEXTILE FIBRES</p> <p>Man-made Fibres, Natural (animal/vegetable) Fibres</p> <p>Man-made fibres, Natural Fibres</p> <p>Man-made Fibres</p>	<p><u>Forensic Analysis</u></p> <p>Recovery of fibres from clothing and objects</p> <p>Microscopic identification of fibres</p> <p>Microscopic comparison of fibres</p> <p>Instrumental colour measurement and comparison</p> <p>Dye classification and comparison</p> <p>Instrumental identification, chemical identification tests</p>	<p>Documented In-House Methods using taping, low power microscopy, fibre recovery and mounting, high power microscopy (including polarising and comparison microscopy)</p> <p>Documented In-House Methods using microspectrophotometry in visible and UV ranges</p> <p>Documented In-House Methods using dye extraction followed by thin layer chromatography</p> <p>Documented In-House Methods using FTIR, solvent tests</p>
<p>HUMAN BODY FLUIDS/TISSUES</p> <p>Blood Body Tissues Hair Saliva Semen</p>	<p><u>Forensic Analysis</u></p> <p>DNA PROFILING:</p> <p>Analysis of Short Tandem Repeat (STR) loci using SGM Plus</p>	<p>Documented In-House Methods meeting the requirements for supplies to the Custodian of the National DNA Database for crime scene samples: using extraction, quantification amplification, electrophoresis and genetic characterisation (Manual systems)</p>



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BODY FLUIDS	<u>Forensic Analysis</u>	
ANY MATERIAL	Search for semen, saliva, blood, hair, cellular material	Documented In-House Methods using visual examination, low power and high power microscopy
ANY MATERIAL	Recovery of semen, saliva, blood, cellular material from: Searched materials Swabs for subsequent DNA analysis	Documented In-House Methods using cutting, swabbing of stains, extraction of stained materials, extraction of swabs, scraping, minitaping as appropriate
ANY MATERIAL	In relation to specific Body Fluids: Presumptive testing for seminal fluid via detection of: Acid Phosphatase Choline Seminal fluid	Documented In-House Methods using Acid Phosphatase detection (colour reaction) Choline detection by Florence iodine test Laurell Rocket electrophoresis
ANY MATERIAL	Confirmatory identification of spermatozoa	Documented In-House Method using microscopy and Proteinase K reagent to aid extraction and identification and haematoxylin and eosin staining
ANY MATERIAL	Presumptive testing for blood	Documented In-House Method using peroxidase tests (LMG - colour reaction, hydrogen peroxide - physical reaction)
ANY MATERIAL	Presumptive testing for saliva via detection of: Amylase	Documented In-House Method using Phadebas (paper and tube test)
ANY MATERIAL	Presumptive testing for Faeces via detection of: Urobilinogen	Documented In-House Method using microscopy, modified Edelman's test (colour reaction under UV light) and TLC
ANY MATERIAL	Presumptive testing for Urine via detection of: Urea	Documented In-House Method using chemical test (DMAC and creatinine - colour reactions)



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BODY FLUIDS (cont'd) ANY MATERIAL	<u>Forensic Analysis</u> (cont'd) Identification and interpretation of blood patterns	Documented In-House Method using visual examination and microscopy
CLOTHING AND FABRIC MATERIAL	Examination and interpretation of damage and comparison with suspected instrument	Documented In-House Method using visual examination and microscopy
HAIRS	Differentiation of Human and Animal hairs	Documented In-House Method using visual examination, low power microscopy and high power microscopy
END		