


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>1873</p> <p>Accredited to ISO/IEC 17025:2005</p>	<b>Scottish Police Services Authority (SPSA) Forensic Services (Dundee)</b>	
	<b>Issue No: 022    Issue date: 19 December 2011</b>	
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<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BLOOD	<p><u>Forensic Analysis and related Opinions and Interpretations</u></p> <p>Identification and recording of blood patterns on clothing and other items examined at the laboratory</p>	<p>Documented In-House Methods using visual examination, low power microscopy and dimensional measurement</p>
DRUGS (excludes Rapid Drug Analysis)	<p><u>Forensic Analysis</u></p> <p>Presumptive:                      Cannabis                      Cocaine                      Opiates                      Amphetamines                      Ecstasy types</p> <p>Identification of:                      Cannabis and cannabis resin                      Opiates                      Cocaine                      Amphetamines                      Ecstasy types                      LSD/LAMPA</p> <p>Quantification of:                      Codeine and Diamorphine                      Cocaine                      Amphetamines                      Ecstasy types</p>	<p>Documented In-House Methods using spot tests</p> <p>Documented In-House Methods using TLC, Spot Tests, microscopy, GCMS, HPLC</p> <p>Documented In-House Methods using HPLC</p>



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DRUGS and PHARMACEUTICALS	<u>Forensic Analysis</u>  Identification of Pharmaceuticals  Identification of Unknowns	Documented In-House Methods using TIC TAC, GCMS  Documented In-House Methods using extraction, UV/VIS spectrophotometry, GCMS (derivatisation)
HUMAN BODY FLUIDS/TISSUES  Blood Body Tissues Buccal Swabs Hair Saliva Semen Other cellular material  Teeth Deep Muscle Tissue Faeces Bone Blood Body Tissues Buccal swabs Hair Saliva	<u>Forensic Analysis and Paternity Testing</u>  Analysis of Short Tandem Repeat (STR) loci  Measurement of PCR product fragment lengths (. 100 - 400 base pairs)  15 locus DNA profiling	Documented In-House Methods meeting the requirements for suppliers to the Custodian of the National DNA Database for crime scene and criminal justice samples: using manual and automated systems for extraction, quantification, and amplification, and manual electrophoresis and genetic characterisation.  Documented In-House Method using extraction, quantification, amplification, electrophoresis and genetic characterisation
HUMAN BODY FLUIDS  ANY MATERIAL  ANY MATERIAL	<u>Forensic Analysis</u>  Search for semen, saliva, blood, faeces and cellular material  Recovery of semen, saliva, blood, faeces, cellular material from searched material swabs for subsequent DNA analysis	Documented In-House method using visual examination, low power microscopy and high power microscopy  Documented In-House method using cutting, swabbing of stains, extraction of stained materials, extraction of swabs, scraping, minitaping as appropriate



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HUMAN BODY FLUIDS (cont'd) ANY MATERIAL (cont'd)	<u>Forensic Analysis</u> (cont'd)  In relation to specific body fluids Presumptive testing for seminal fluid via detection of: Acid Phosphatase  Choline  Confirmatory identification of Spermatazoa	Documented In-House methods  using acid phosphatase detection (colour reaction)  Choline detection by Florence iodine test  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 KM (colour reaction)
ANY MATERIAL	Presumptive testing for saliva via detection of amylase	Documented In-House method using Phadebas (paper test)
ANY MATERIAL	Presumptive testing for faeces via detection of urobilinogen	Documented In-House method using 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) (colour reaction)
MARKS and IMPRESSIONS Clothing and other fabrics	<u>Forensic Analysis</u>  Identification of damage  Comparison of damage with suspect weapons (excluding firearms)	Documented In-House Methods using visual examination, low power microscopy and dimensional measurement
END		