


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<b>Scottish Police Services Authority (SPSA) Forensic Services (Edinburgh)</b>	
	<b>Issue No: 009    Issue date: 30 April 2010</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
ALCOHOL	<u>Forensic Analysis</u>  Estimation of alcohol consumption and elimination:  1) Effect of alleged post accident alcohol consumption on measured breath/body fluid alcohol levels.  2) Back calculations of breath/body fluid alcohol levels to the time of accident or other incident.  3) Validity of drinking patterns and spiked drinks allegations.	Documented In-House Methods using calculations based on supplied information
DRUGS	<u>Forensic Analysis</u>  Quantification of: Amphetamine Cocaine Diamorphine	Documented In-House Method GDP02 using HPLC
HUMAN BODY FLUIDS	<u>Forensic Analysis</u>  Ethanol content	Documented In-House Method TP02-TP05 using headspace GC-FID
Blood Urine		



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<b>FIRE DEBRIS</b>  Flammable fuels used to promote combustion (accelerants) Material suspected to contain fire accelerants	<u>Forensic Analysis</u>  Detection, identification and comparison of specified volatile hydrocarbon fire accelerants	Documented In-House Method GCP01-GCP06 using ATD-GCMS
<b>HUMAN BODY FLUIDS/TISSUES</b>  Blood Body Tissues Hair Saliva Semen	<u>Forensic Analysis</u>  DNA PROFILING:  Analysis of Short Tandem Repeat (STR) loci using SGM Plus	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)
<b>HUMAN BODY FLUIDS</b>  Any material or object	<u>Forensic Analysis</u>  Screening and identification of Blood	Documented In-House Method GBP12 using visual examination, low power microscopy, high power microscopy , KM reagent and LMG reagent
Any material or object	Screening and identification of Saliva	Documented In-House Method GBP18 using visual examination and Red starch and Phadebas paper tests
Any material or object	Screening and identification of Semen	Documented In-House Method GBP04 using visual examination, low power microscopy, high power microscopy, tests for acid phosphate and Florence iodine test for choline activity
Any material or object	Screening and identification of Urine	Documented In-House Method GBP20 using visual examination and DMAC
END		