


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>	<h3>Abu Dhabi Police Forensic Evidence Department</h3> <p>Issue No: 006 Issue date: 15 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>FLAMMABLE LIQUIDS (FIRE ACCELERANTS)</p> <p>Materials recovered from fires and potential fire scenes</p>	<p><u>Forensic Analysis</u></p> <p>Detection and identification of volatile flammable liquids (accelerants) and flammable liquid residues</p>	<p>Documented in house method ADPFSL-TS-106 using GCMS</p>
<p>Human Blood</p>	<p><u>Forensic Analysis</u></p> <p>Ethanol</p>	<p>Documented In House Method ADPFSL-TS-91 using Headspace GCMS</p>
<p>Human Urine</p>	<p><u>Forensic Analysis</u></p> <p>Barbiturates Amphetamines Cannabinoids Cocaine/Metabolites Opiates Benzodiazepines</p> <p>Allobarbitol Amobarbitol Pentobarbitol Secobarbitol Phenobarbitol</p> <p>Amphetamine Methamphetamine MDA MDMA MDEA PMA PMMA</p>	<p>Documented In House Method ADPFSL-TS-043 using Fluorescence Polarisation Immunoassay</p> <p>Documented In House Method ADPFSL-TS-018 using SPE and GCMS</p> <p>Documented In House Method ADPFSL-TS-024 using SPE and GCMS</p>



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Human Urine (cont'd)	<p>Forensic Analysis (cont'd)</p> <p>THC Carboxylic acid</p> <p>Benzoyllecgonine (Cocaine Metabolite)</p> <p>Codeine Morphine 6 Monoacetylmorphine</p> <p>Nordazepam Oxazepam Temazepam Midazolam 7-Aminonitrazepam Diazepam, Chiordiazepoxide, Bromazepam, 7-Aminoclonazepam, 4-Hydroxymidazolam, α-Hydroxymidazolam Lorazepam Flurazepam-M(desalkyl-)</p>	<p>Documented In House Method ADPFSL-TS-032 using SPE and GCMS</p> <p>Documented In House Method ADPFSL-TS-038 using SPE and GCMS</p> <p>Documented In House Method ADPFSL-TS-046 using SPE and GCMS</p> <p>Documented In House Method ADPFSL-TS-048 using SPE and GCMS</p>
Human Blood and Urine	Benzodiazepines	Documented in house method ADPFSL-TS-029 using LC-MS/MS
Documents	Physical Tests	
Writing in Arabic Script	<p>Comparison of handwriting including signatures from known and suspect sources</p> <p>Detection of alterations and decipherment of altered or obliterated entries</p>	<p>Documented In House Method ADPFSL-TS-040 using visual examination and microscopy</p> <p>Documented In House Method ADPFSL-TS-035 and ADPFSL-TS-087 using visual examination, microscopy, UV light, transmitted light and VSC-5000</p>



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Body Fluids and Tissues Any material	<u>Forensic Analysis</u> Search for blood and semen Recovery of blood and semen from searched material/objects In relation to specific Body Fluids Presumptive testing for Blood Presumptive testing for seminal fluid via detection of: Acid phosphatase Prostrate Specific Antigen Confirmatory identification of Spermatazoa	Documented in house method ADPFSL-TS-001 using visual examination, low power microscopy and high power microscopy Documented in house method ADPFSL-TS-045 using cutting, swabbing of stains, extraction from stained materials and taping as appropriate Documented in house method ADPFSL-TS-001 using peroxidase test LMG (Leucomalachite green) Documented in house method ADPFSL-TS-045 using Acid phosphatase detection (colour reaction) and PSA detection by immunoassay Documented in house method ADPFSL-TS-045 using high power microscopy, Proteinase K reagent to aid extraction and identification and Eosin Staining
Blood Buccal Scrapes	DNA Profiling: Analysis of STR Loci	Documented in house methods for reference samples: ADPFSL-TS-0111 Extraction using EZ1 Biorobot ADPFSL-TS-0113 Quantitation using Real Time PCR ADPFSL-TS-0114 Amplification using AmpFL STR© Identifiler PCR Amplification Kit ADPFSL-TS-0112 Capillary Electrophoresis using Applied Biosystems 3130 Genetic Analyser© ADPFSL-TS-0136 Interpretation using Genemapper and FSS-i3TM



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Body Fluids and Tissues (cont'd) Blood Cigarette Ends Saliva Chewing Gum Semen Vaginal Cells	Forensic Analysis (cont'd) DNA Profiling: Analysis of STR Loci	Documented in house methods for crime samples: ADPFSL-TS-0111 Extraction using EZ1 Biorobot ADPFSL-TS-0110 Extraction using phenol chloroform ADPFSL-TS-0113 Quantitation using Real Time PCR ADPFSL-TS-0114 Amplification using AmpFL STR© Identifiler PCR Amplification Kit ADPFSL-TS-0112 Capillary Electrophoresis using Applied Biosystems 3130 Genetic Analyser© ADPFSL-TS-0136 Interpretation using Genemapper and FSS-i3TM
Blood Buccal Scrapes	DNA Profiling for parentage testing for the purpose of declaring tests as exclusions, non-exclusions or inconclusive	Documented in house methods ADPFSL-TS-156 Manual Calculation for Paternity Testing ADPFSL-TS-0111 Extraction using EZ1 Biorobot ADPFSL-TS-0113 Quantitation using Real Time PCR ADPFSL-TS-0114 Amplification using AmpFL STR© Identifiler PCR Amplification Kit ADPFSL-TS-0112 Capillary Electrophoresis using Applied Biosystems 3130 Genetic Analyser©
Camel Urine and Plasma	Forensic Analysis Ibuprofen Paracetamol Phenacetin Fenoprofen Flunixin Caffeine Diclofenac Tolfenamic acid Etodolac Ketorolac Meclofenamic acid	Documented In-House Method ADPFSL-TS-013 (Screen Basic Drugs) using GCMS



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Camel Urine and Plasma (cont'd)	<p>Forensic Analysis (cont'd)</p> <p>Continued from Page 4</p> <p>Celecoxib Vedaprofen Phenylbutazone Zompirac Bumetanide Mefenamic acid Oxphenbutazone Ketoprofen Ethacrynic acid Furosemide Pentobarbital Phenobarbital Flufenamic acid</p> <p>Epdedrine Lidocaine Prilocaine Procaine Morphine Codeine Terbutaline Clenbuterol Salbutamol Ketamine Methamphetamine Heptaminol Theophylline Etamiphylline Propranolol Pindolol Nadolol Acebutolol Diphenhydramine Tripeleennamine Promethazine Promazine Chlorpromazine Nikethamide Flunixin Chlorpheniramine Pheniramine Fentolamine Atropine Acepromazine</p>	<p>Documented In-House Method ADPFSL-TS-013 (Screen Basic Drugs) using GCMS</p> <p>Documented In-House Method ADPFSL-TS-013 (Screen Acid & Neutral Drugs) using GCMS</p>



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Camel Urine and Plasma (cont'd)	<p>Forensic Analysis (cont'd)</p> <p>Continued from Page 5</p> <p>Strychnine Oxprenolol Tramadol Timolol Mepivacaine Bupivacaine Antipyrine Norpseudoephedrine Isopretamol Fenfluramine Benzoyllecognine Pethidine Amitryptiline</p> <p>Beclomethasone Boldenone Bumetanide Caffeine Capsaicin Celecoxib Cortisol Cortisol-D3 Dexamethasone Firocoxib Flumethasone Flunixin Ketoprofen Ketorolac Methylprednisolone Meloxicam Methyl-Testosterone Nandrolone OH-Stanozolol Oxphenbutazone Paracetamol Phenacetin Phenazone Phenylbutazone Prednisolone Prednisone Stanozolol Testosterone Triamcinolone Triamcinolone-Acetonide</p>	<p>Documented In-House Method ADPFSL-TS-013 (Screen Acid & Neutral Drugs) using GCMS</p> <p>Documented In-House Method ADPFSL-TS-139 (Acidic Drugs Positive Mode) using LCMS</p>



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Camel Urine and Plasma (cont'd)	<p>Forensic Analysis (cont'd)</p> <p>Phenylbutazone Flunixin Hydrochlorothiazide Bumetanide Furosemide Celecoxib Flufenamic Acid Ketodolac Meloxicam Fenoprofen Ibuprofen Phenazone Pentabarbital-D5 Pentabarbital Phenobarbital Diclofenac Etodolac Ethacrynic acid Paracetamol Mefenamic Acid Tolfenamic Acid Vedaprofen Oxphenbutazone</p> <p>Amphetamine Heptaminol Ephedrine Nikethamide Guafenesine Prilocaine Terbutaline M.Phenidate Lidocaine Ketamine Salbutamol Methcarbamol Xylometazoline Mepivacaine Pethidine Tramadol Clenbuterol Etamiphylline Morphine Bupivacaine Atropine Benzoylecognine</p>	<p>Documented In-House Method ADPFSL-TS-139 (Acidic Drugs Negative Mode) using LCMS</p> <p>Documented In-House Method ADPFSL-TS-028 (Basic Drugs) using LCMS</p>



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Camel Urine and Plasma (cont'd)	<p>Forensic Analysis (cont'd)</p> <p>Continued from Page 7</p> <p>Flunixin Timolol Strychnine Formoterol Procaine Phenazone Sildenafil Tadalafil vadrdenafi I Xylometazoline Diazepam-D5 Nordizepam Oxazepam Atenolol Chlorpromazine</p> <p>Camel Doping Agents</p>	<p>Documented In-House Method ADPFSL-TS-028 (Basic Drugs) using LCMS</p> <p>Documented In-House Method ADPFSL-TS-013 incorporating a flexible scope by GCMS</p>
<p>Marks and Impressions</p> <p>Any article which possesses surfaces capable of retaining finger marks</p>	<p>Physical Tests</p> <p>Revelation or enhancement of finger marks</p>	<p>Documented In House Methods ADPFSL-TS-004 (Physical Lifting Technique) Documented In House Methods ADPFSL-TS-094 (Superglue) Documented In House Methods ADPFSL-TS-095 (Basic yellow40) Documented In House Methods ADPFSL-TS-096 (Sudan black and crystal violet) Documented In House Methods ADPFSL-TS-097 (DFO and Ninhydrin) Documented In House Methods ADPFSL-TS-098 (Blood Marks SSA/AB)</p>
	END	