


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS TESTING 4266 Accredited to ISO/IEC 17025:2017	Abu Dhabi Police Forensic Evidence Department	
	Issue No: 029 Issue date: 15 April 2021	
	PO Box 253 Abu Dhabi United Arab Emirates	Contact: Major Rashed A. Altayyari Tel: +971 (0) 2 4461461 Fax: +971 (0) 2 5123847 E-Mail: r.altayyari@adpolice.gov.ae Website: www.adpolice.gov.ae
Testing performed by the Organisation at the locations specified		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Abu Dhabi Police GHQ PO Box 253 Abu Dhabi United Arab Emirates	Local contact Major Rashed A. Altayyari	Forensic Analysis Physical Tests Quality Management
Address Al Ain Abu Dhabi United Arab Emirates	Local contact Major Rashed A. Altayyari	Forensic Analysis Physical Tests
Address Department of Criminal Evidence Al Ain Fingerprint Unit Falaj Hazzaa Area United Arab Emirates	Local contact Major Rashed A. Altayyari	Fingerprint Comparison



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Human Urine	<u>Forensic Analysis</u> Amobarbital Pentobarbital Secobarbital Phenobarbital	Documented in House Method ADPFSL-TS-018 using SPE and GCMS	A
Human Urine	<u>Forensic Analysis</u> Amphetamine Methamphetamine MDA MDMA MDEA PMA PMMA	Documented in House Method ADPFSL-TS-024 using SPE and GCMS	A
	THC Carboxylic acid	Documented in House Method ADPFSL-TS-032 using SPE and GCMS	A
	Benzoylcocgonine (Cocaine Metabolite)	Documented in House Method ADPFSL-TS-038 using SPE and GCMS	A
	Codeine Morphine 6 Monoacetylmorphine	Documented in House Method ADPFSL-TS-046 using SPE and GCMS	A



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Human Urine (cont'd)	<u>Forensic Analysis</u> (cont'd)		
	Nordazepam Oxazepam Temazepam Midazolam 7-Aminonitrazepam Diazepam, Chlordiazepoxide, Bromazepam, 7-Aminoclonazepam, 4-Hydroxymidazolam, α -Hydroxymidazolam Lorazepam Flurazepam-M(desalkyl-)	Documented in House Method ADPFSL-TS-048 using SPE and GCMS	A
	Tramadol	Documented in House Method ADPFSL-TS-173 using LC/MS/MS	A
	Tramadol	Documented in House Method ADPFSL-TS-183 using GCMS	A
	Methadone	Documented in House Method ADPFSL-TS-195 using GCMS	A
Human Urine	Screening for: Amphetamine Methamphetamine Barbiturates Benzodiazepines Cannabinoids Cocaine - Benzoyllecognine Opiates Methadone Phencyclidine (PCP) Tramadol	Documented in House Method ADPFSL-TS-158 using Immunoassay (Architect)	A
	Benzodiazepines	Documented in house method ADPFSL-TS-142 using LC-MS/MS	A



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DRUGS (tablets and capsules)	<u>Forensic Analysis</u> Identification of: Alprazolam Clonazepam Midazolam Diazepam Bromazepam Pregabalin Tramadol Zopiclone	Documented in House Method ADPFSL-TS-241 using GCMS	A
Documents	<u>Physical Tests</u>		
Writing in Arabic and Roman Script	Comparison of handwriting including signatures from known and suspect sources	Documented in House Method ADPFSL-TS-040 using visual examination and microscopy	B
	Detection of alterations and decipherment of altered or obliterated entries	Documented in House Method ADPFSL-TS-035 and ADPFSL-TS-087 using visual examination, microscopy, UV light, transmitted light and VSC-5000	B
Currency	Examination of currency	Documented in House Method ADPFSL-TS-086 using VSC 5000 and 6000, video scanner and computer	B



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BODY FLUIDS AND TISSUES	<u>Forensic Analysis</u>		
Any material	Search for blood and semen	Documented in house method ADPFSL-TS-001 using visual examination, low power microscopy and high power microscopy	A, B
	Recovery of blood and semen from searched material/objects	Documented in house method ADPFSL-TS-045 using cutting, swabbing of stains, extraction from stained materials and taping as appropriate	A, B
	In relation to specific Body Fluids		
	Presumptive testing for Blood	Documented in house method ADPFSL-TS-001 using peroxidase test LMG (Leucomalachite green)	A, B
	Presumptive testing for seminal fluid via detection of Acid phosphatase	Documented in house method ADPFSL-TS-045 using Acid phosphatase detection (colour reaction) and PSA detection by immunoassay	A, B
BODY FLUIDS AND TISSUES	Prostate Specific Antigen		
BODY FLUIDS AND TISSUES	Confirmatory identification of Spermatazoa	Documented in house method ADPFSL-TS-045 using high power microscopy, Proteinase K reagent to aid extraction and identification and Eosin Staining	A, B



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BODY FLUIDS AND TISSUES (cont'd) Blood Buccal Scrapes	<u>Forensic Analysis</u> (cont'd) 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 and Identifiler Plus PCR Amplification Kits and including Identifiler Direct and Powerplex Y23 ADPFSL-TS-0112 Capillary Electrophoresis using Applied Biosystems 3500XL Genetic Analyser© ADPFSL-TS-0136 Interpretation using Genemapper and FSS-i3TM	A



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BODY FLUIDS AND TISSUES (cont'd) Blood Cigarette Ends Saliva Chewing Gum Semen Vaginal Cells	<u>Forensic Analysis</u> (cont'd) DNA profiling Analysis of STR Loci	Documented in house methods for crime samples: ADPFSL-TS-0111 Extraction using EZ1 Biorobot ADPFSL-TS-0113 Quantitation using Real Time PCR ADPFSL-TS-0114 Amplification using AmpFL STR® Identifiler and Identifiler Plus PCR Amplification Kit ADPFSL-TS-0112 Capillary Electrophoresis using Applied Biosystems 3500XL Genetic Analyser® ADPFSL-TS-0136 Interpretation using Genemapper and FSS-i3TM	A



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BODY FLUIDS AND TISSUES (cont'd) Blood Buccal Scrapes Bones and teeth	<u>Forensic Analysis</u> (cont'd) 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 & automated 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® Identifier PCR Amplification Kit ADPFSL-TS-157 Direct DNA Amplification from omniswabs using Powerplex 18D system ADPFSL-TS-0112 Capillary Electrophoresis using Applied Biosystems 3500XL Genetic Analyser®	A
Any Ferrous Metals	<u>Forensic Analysis and Mechanical Testing</u> Serial number identification and markings restoration	Documented In house (TS015) method using the Regula 7505M magnetic scanning device	A



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Firearms	<u>Mechanical Testing</u> Firearm and firearm component part identification for the purpose of licensing	Documented In house method using comparison with known samples, reference standards and publications	A
Firearms	Test Firing to assess the functionality of weapon for licensing purposes.	Documented In house method using guns and ammunition	A
Testing of small arms ammunition	Pressure 1 bar to 6000 bar (0.1 MPa to 600 MPa) Velocity 1 ms ⁻¹ to 3000 ms ⁻¹	Pressure testing of ammunition and the measurement of the projectile velocity in accordance with C.I.P Decision XXXIII-32 Excluding shotgun cartridge testing and reporting of kinetic energy	A
MARKS AND IMPRESSIONS	<u>Forensic Analysis</u>		
Finger marks Any material which is capable of retaining finger marks	Enhancement of finger marks	Documented in-house methods using chemical enhancement and lighting techniques: Physical Lifting Technique - ADPFSL-TS-004 Superglue - ADPFSL-TS-094 Basic Yellow 40 - ADPFSL-TS-095 Sudan Black and Crystal Violet - ADPFSL-TS-096 DFO and Ninhydrin - ADPFSL-TS-097 Blood Marks SSA/AB - ADPFSL-TS-098	A



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MARKS AND IMPRESSIONS (cont'd)	<u>Forensic Analysis</u> (cont'd)		
Finger mark and palm mark friction ridge detail	Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from: <ul style="list-style-type: none"> - Known ink TENPRINTS - Known electronic TENPRINTS 	Documented In-House methods using visual examination, low power magnification and automated fingerprint recognition system.	A, C
Finger-mark and palm mark friction ridge detail	Visual analysis, comparison and evaluation of recovered friction ridge detail with finger, thumb and palm from: <ul style="list-style-type: none"> - Known ink TENPRINTS - Known electronic TENPRINTS 	Documented In-House methods using visual examination, low power magnification, comparators, dimensional measurements and reference databases.	A, C
	<u>Opinion and Interpretation</u> The evaluation of features between finger mark and palm mark friction ridge detail	Documented In-House methods using <ul style="list-style-type: none"> - Personal experience - database 	A, C
END			