


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 7641 Accredited to ISO/IEC 17025:2017	Analytical Services International Ltd (ASI)	
	Issue No: 016 Issue date: 28 March 2025	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS	<u>Forensic Testing</u>	The organisation has demonstrated compliance to the Forensic Science Regulator Code of Practice in relation to the Forensic Activities listed below.
Blood/Urine (Preserved)	Forensic Analysis/Medical and Legal Analysis Detection and quantification of the following in relation to Section 5 of the Road Traffic Act 1988 (as amended) minimum quantification level 10 mg%, Alcohol Blood 80 mg/100mL, quantification range 10 – 400 mg%; Urine 107mg/100mL, quantification range 10 – 400 mg%	Documented in house (SOP 238) using GC-FID, <i>headspace GC-FID</i>
Blood/Urine (Preserved)	Identification and quantification of alcohol (ethanol) in non RTA samples (cut-off limit): Alcohol Blood 80 mg/100mL with minimum quantification level 10 mg% and quantification range 10 – 400 mg%; Urine 107mg/100mL with minimum quantification level 10 mg% and quantification range 10 – 400 mg%	Documented in house (SOP 238) using GC-FID, <i>headspace GC-FID</i>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS (cont'd) Whole blood (preserved)	Forensic Analysis/Medical and Legal Analysis (cont'd) Detection and quantification of drugs in relation to s5A of the Road Traffic Act 1988 (as amended) and The Drug Driving (Specified Limits) (England and Wales) Regulations 2014 (as amended): (Limit) and (Calibration Range): Amphetamine(250 µg/L) (80-2,000 µg/L) Benzoyllecgonine (50 µg/L) (20-500 µg/L) Clonazepam (50 µg/L) (20-500 µg/L) Cocaine (10 µg/L) (4-100 µg/L) Diazepam (550 µg/L) (80-2,000 µg/L) Flunitrazepam (300 µg/L) (100-2500 µg/L) Ketamine (20 µg/L) (8-200 µg/L) Lorazepam (100 µg/L) (40-1000 µg/L) Lysergic Acid Diethylamide – LSD (1 µg/L) (0.4-10 µg/L) Methadone (500 µg/L) (80-2000 µg/L) Methylamphetamine (10 µg/L) (4-100 µg/L) Methylenedioxymethamphetamine – MDMA (10 µg/L) (4-100 µg/L) 6-Monoacetylmorphine (5 µg/L) (2-50 µg/L) Morphine (80 µg/L) (32-800 µg/L) Oxazepam (300 µg/L) (100-2500 µg/L) Temazepam (1000 µg/L) (160-4000 µg/L) Delta-9-tetrahydrocannabinol (2 µg/L) (1.0-25 µg/L)	Documented in house (SOP 324) Extraction using protein precipitation and phospholipid removal followed by LC-MS/MS



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BODY FLUIDS (cont'd)	Forensic Analysis/Medical and Legal Analysis (cont'd)	
Human plasma (from unpreserved blood)	Quantitative analysis of the following drugs (concentration range): Anti-psychotic group: Clozapine (0.01-3.00 mg/L) Norclozapine (0.01-3.00 mg/L)	Documented in house method (SOP 290), extraction using protein precipitation and phospholipid removal followed by instrumental analysis using LC-MS/MS
Human plasma (from unpreserved blood)	Quantitative analysis of the following drugs (concentration range): Anti-psychotic group: Clozapine (0.01-3.00 mg/L) Norclozapine (0.01-3.00 mg/L)	Documented in house method (SOP 290), extraction using protein precipitation and phospholipid removal followed by instrumental analysis using LC-TOF-MS
Alcohol Technical Defence (in relation to RTA and sexual offences) for sample matrix including blood/urine/breath	<u>Related Opinions and Interpretations</u> Estimation of alcohol consumption and elimination with respect to validity of drinking patterns: 1) Effect of alleged post accident alcohol consumption on measured breath/body fluids alcohol levels 2) Effect of alleged spiked drink 3) Back calculations of breath/ blood/urine alcohol levels to the time of accident or other incident from 8.7µg% / 20mg% / 27mg% and above	Documented in house (SOP 273) using mathematical calculations
END		