Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

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Accredited to ISO/IEC 17025:2005

Analytical Services International Ltd (ASI)

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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
	<u>Forensic Testing</u>	The organisation has demonstrated adherence to the relevant requirements of the Forensic Science Regulators Code of Practice and Conduct in relation to their Forensic Activities
	<u>Forensic Analysis</u>	
Blood/Urine (Preserved)	Detection and quantification of alcohol in relation to the Road Traffic Offenders Act. *(minimum quantification levels of 10 mg %)*	Documented in house (SOP 238) using GC-FID, *headspace GC-FID*
Blood/Urine (Preserved)	Identification and quantification of alcohol (ethanol) in non RTOA samples	Documented in house (SOP 238) using GC-FID, *headspace GC-FID*
	<u>Related Opinions and Interpretations</u>	
Alcohol Technical Defence (in relation to RTA and sexual offences) for sample matrix including Blood/urine/breath	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Forensic Analysis (cont'd)	
Human plasma (from preserved blood)	Identification and Quantification of drugs. Anti-psychotic group: - Clozapine - Norclozapine	Documented in house method (SOP 289), extraction using protein precipitation and phospholipid removal followed by instrumental analysis using LC-MS/MS
Whole blood (preserved)	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: Amphetamine (250 µg/L) Benzoylecgonine (50 µg/L) Clonazepam (50 µg/L) Cocaine (10 µg/L) Delta-9-tetrahydrocannabinol (2 µg/L) Diazepam (550 µg/L) Flunitrazepam (300 µg/L) Ketamine (20 µg/L) Lorazepam (100 µg/L) Lysergic Acid Diethylamide – LSD (1 µg/L) Methadone (500 µg/L) Methylamphetamine (10 µg/L) Methylenedioxymethamphetamine – MDMA (10 µg/L) 6-Monoacetylmorphine (5 µg/L) Morphine (80 µg/L) Oxazepam (300 µg/L) Temazepam (1000 µg/L)	Documented in house (SOP 284) SPE followed by GC-MS/MS and (SOP 288) LC-MS/MS
END		