


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 2773</p> <p>Accredited to ISO/IEC 17025:2005</p>	<p>Alpha BioLaboratories Analytical Ltd</p> <p>Issue No: 026 Issue date: 27 November 2018</p>	
	<p>14 Webster Court Carina Park Warrington WA5 8WD</p>	<p>Contact: Rachel Flanagan Tel: 0333 600 1300 +44(0)1925 255450 E-Mail: info@alphabiolabs.co.uk Website: www.alphabiolabs.co.uk</p>
<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>BODY FLUIDS/TISSUES</p> <p>Swabs (Buccal cells)</p>	<p><u>Relationship Analysis</u></p> <p>Short Tandem Repeat (STR) DNA profiling for relationship testing for:</p> <ul style="list-style-type: none"> - Paternity - Maternity - Sibling (pairs of individuals only) 	<p>Documented in-house methods [SOP ref: PRC565, PRC 812] using manual/automated extraction:</p> <ul style="list-style-type: none"> - Promega SwabSolution - Prep-N-Go <p>Documented in-house methods [SOP ref: PRC521, PRC 545] using manual/automated amplification and the following chemistry:</p> <ul style="list-style-type: none"> - Fusion STR Multiplex - Verifiler Express <p>Documented in-house methods [SOP ref: PRC540, PRC569, PRC570] using electrophoresis:</p> <ul style="list-style-type: none"> - Applied Biosystems 3500xl Genetic Analyser © (following Fusion STR Multiplex or Verifiler Express)



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BODY FLUIDS/TISSUES (cont'd)	<u>Chemical Analysis</u>	
Hairs	Quantitative analysis of drugs of abuse: Benzoylcegonine Cocaethylene Cocaine Diazepam Methadone Methamphetamine Morphine	Documented in-house method [SOP ref: PRC585] using methanol extraction and LC-MS/MS
Unpreserved Urine	Quantitative analysis of ethyl glucuronide <u>Chemical Analysis / Workplace Testing</u> Adulteration testing: - Creatinine - Specific Gravity	Documented in-house method [SOP ref: PRC 801,804 and 806] using LC-MS/MS Documented in-house methods [SOP ref: PRC573] using DRI Immunoassay and CEDIA Sample Check Documented in-house methods [SOP ref: PRC573] using Indiko Plus Chemistry Analyser



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<p>BODY FLUIDS/TISSUES (cont'd)</p> <p>Unpreserved Urine (cont'd)</p>	<p><u>Chemical Analysis / Workplace Testing (cont'd)</u></p> <p>Quantitative analysis of drugs of abuse:</p> <p>Amphetamines Group: Amphetamine Methamphetamine MDA MDMA</p> <p>Opiate Group: Morphine 6-MonoAcetylMorphine Morphine-3-Glucuronide Morphine-6-Glucuronide Methadone EDDP Oxycodone Codeine Codeine Glucuronide Dihydrocodeine</p> <p>Cathinone Group: Mephedrone</p> <p>Cocaine Metabolites: Benzoylecgonine Cocaethylene Ecgonine Methyl Ester</p> <p>Ketamine Norketamine</p> <p>Phencyclidine</p> <p>Carboxy-THC</p> <p>Benzodiazepine Group: Nordiazepam Oxazepam Temazepam Bromazepam</p> <p>Methaqualone Propoxyphene</p>	<p>Documented in-house methods [SOP ref: PRC018 and PRC022] using methanol extraction and LC-MS/MS</p>



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<p>BODY FLUIDS/TISSUES (cont'd)</p> <p>Unpreserved Urine (cont'd)</p> <p>Oral Fluids</p>	<p><u>Chemical Analysis / Workplace Testing (cont'd)</u></p> <p>Quantitative analysis of drugs of abuse (cont'd):</p> <p>Barbiturate Group: Phenobarbital Primidone Amobarbital Secobarbital Pentobarbital</p> <p>Qualitative and quantitative analysis of drugs of abuse:</p> <p>Morphine dihydrocodeine codeine 6-monoacetylmorphine (6-MAM) methadone EDDP mephedrone benzoylecgonine cocaine cocaethylene amphetamine, Methamphetamine, MDA MDMA norcocaine ketamine norketamine diazepam nordiazepam temazepam oxazepam alprazolam nitrazepam Δ9-tetrahydrocannabinol (THC) cannabinol (CBN) cannabidiol (CBD) buprenorphine norbuprenorphine</p>	<p>Documented in-house methods [SOP ref: PRC826, PRC 827, PRC828 and PRC829] using LC-MS/MS</p>
<p>END</p>		