


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>2144</b>  Accredited to <b>ISO/IEC 17025:2017</b>	<b>Synlab Laboratory Services Ltd</b>	
	Issue No: 045    Issue date: 04 January 2021	
	<b>Gavenny Court</b> <b>Brecon Road</b> <b>Abergavenny</b> <b>Monmouthshire</b> <b>NP7 7RX</b>	<b>Contact: Quality Manager</b> <b>Tel: +44 (0)1873 856688</b> <b>Fax: +44 (0)1873 858984</b> <b>E-Mail: labs.customerservice@synlab.co.uk</b>
Testing performed by the Organisation at the locations specified below		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Gavenny Court Brecon Road Abergavenny Monmouthshire NP7 7RX  <b>Local contact</b> Quality Manager  Tel: +44 (0)1873 856688 Email: labs.customerservice@synlab.co.uk	Drugs of abuse analysis Quality Management	A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
Commercial premises, Offices  <b>Local contact</b> Quality Manager  Tel: +44 (0)1873 856688 Email: labs.customerservice@synlab.co.uk	Specimen collection (Saliva, Urine)	B



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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
BODY FLUIDS	<u>Forensic Testing</u>		A
Whole Blood (preserved)	<b>Quantitative analysis of the following drugs (concentration range):</b> Nordiazepam, (10-200 µg/L), Norketamine, (10-100 µg/L)	Method 12.0322 using LC-MS-MS	A
BODY FLUIDS AND PLASMA	<u>Workplace Drug Analysis/Medical Legal Analysis</u>	Documented In-house Method	
Urine (unpreserved)	<b>Presumptive Screening for Alcohol</b> , (10.1-498mg/100mL); (10-300mg/100mL)	Method 9. 0108 using DRI Immunoassay	A
	Ethyl glucuronide (ethanol indicator and <b>not</b> as marker for alcohol abuse ), (500ng/ml)	Method 9.01577 using DRI Immunoassay	A
Urine (unpreserved)	<b>Presumptive screening for the presence of the following drugs or drug groups (cut-off limits):</b> Amphetamines, (300ng/ml; 500ng/ml; 1000ng/ml), Barbiturates, (200ng/ml; 300ng/ml), Benzodiazepines, (200ng/ml; 300ng/ml), Benzoyllecgonine, (300ng/ml; 150ng/ml), Buprenorphine, (5ng/ml), Cannabis metabolites, (20ng/ml; 25ng/ml; 50ng/ml), 6 Mono acetyl morphine, (10ng/ml), Propoxyphene, (300ng/ml), Phencyclidine (PCP) (25ng/ml) Opiates, (300ng/ml; 2000ng/ml), Methadone, (300ng/ml), Methaqualone, (300ng/ml)	9.01577 using CEDIA Immunoassay	A



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BODY FLUIDS AND PLASMA	<u>Workplace Drug Analysis/Medical Legal Analysis</u>	Documented In-house Method	
Urine (unpreserved) (cont'd)	<b>Presumptive screening for the presence of the following drugs or drug groups (cut-off limits):</b>	9.01577 using CEDIA Immunoassay	A
	Ketamine, (500ng/ml; 1000ng/ml)		A
Urine (unpreserved)	Tramadol, (300ng/ml)	Method 9.01577 using EMIT Immunoassay	A
Urine (unpreserved)	<b>Presumptive screening for the presence of the following drugs (cut-off limits)</b>	Method 9.01574 using AB Sciex Triple TOF with fast chromatography	A
	<b>Amphetamines;</b> Amphetamine, (300ng/ml; 500ng/ml; 1000ng/ml), MDMA, (300ng/ml; 500ng/ml; 1000ng/ml), MDEA, (300ng/ml; 500ng/ml; 1000ng/ml), Methamphetamine, (300ng/ml; 500ng/ml; 1000ng/ml)		
	<b>Barbiturates;</b> Phenobarbital, (200ng/ml; 300ng/ml), Secobarbital, (200ng/ml; 300ng/ml)		
	<b>Benzodiazepines;</b> Aminonitrazepam, (200ng/ml; 300ng/ml), Aminoflunitrazepam, (20ng/ml; 300ng/ml), Flunitrazepam, (20ng/ml; 300ng/ml), Hydroxylprazolam, (200ng/ml; 300ng/ml), Lorazepam, (200ng/ml; 300ng/ml), Nordiazepam, (200ng/ml; 300ng/ml),		



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BODY FLUIDS AND PLASMA (cont'd)  Urine (unpreserved)	<u>Workplace Drug Analysis/Medical Legal Analysis</u>  <b>Presumptive screening for the presence of the following drugs (cut-off limits)</b> <b>Benzodiazepines (Cont'd)</b> Oxazepam, (200ng/ml; 300ng/ml), Phenazepam, (200ng/ml; 300ng/ml), Temazepam, (200ng/ml; 300ng/ml)  <b>Cannabinoids;</b> Cannabinol, (20ng/ml; 25ng/ml; 50ng/ml), THC, (20ng/ml; 25ng/ml; 50ng/ml), THCC, (20ng/ml; 25ng/ml; 50ng/ml)  <b>Cocainics;</b> Benzoylecgonine, (300ng/ml; 150ng/ml), Cocaethylene, (300ng/ml; 150ng/ml), Cocaine, (300ng/ml; 150ng/ml)  <b>Opiates;</b> Codeine, (300ng/ml; 2000ng/ml), DHC, (300ng/ml; 2000ng/ml), Morphine, (300ng/ml; 2000ng/ml), 6-MAM, (10ng/ml)  <b>Opioids;</b> Buprenorphine, (5ng/ml), EDDP, (100ng/ml), Fentanyl, (5ng/ml), Methadone, (300ng/ml), Norpropoxyphene, (300ng/ml), o-desmethyltramadol, (300ng/ml), Oxycodone, (300ng/ml),	Documented In-house Method  Method 9.01574 using AB Sciex Triple TOF with fast chromatography	A



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BODY FLUIDS AND PLASMA (cont'd)  Urine (unpreserved)	<u>Workplace Drug Analysis/Medical Legal Analysis (cont'd)</u>  <b>Presumptive screening for the presence of the following drugs (cut-off limits)</b>  <b>Opioids (Cont'd);</b> Oxymorphone Propoxyphene, (300ng/ml), Tramadol, (300ng/ml)  <b>Psychoactives;</b> Amitriptyline, (500ng/ml), Dihydronorketamine Gabapentin, (1000ng/ml), Ketamine, (500ng/ml; 1000ng/ml), Methaqualone, (300ng/ml), Mirtazapine, (300ng/ml), Norketamine, (500ng/ml; 1000ng/ml), PCP, (25ng/ml), Pregabalin, (500ng/ml), Quetiapine, (300ng/ml)  <b>Cathinones;</b> Cathinone Mephedrone, (300ng/ml)	Documented In-house Method  Method 9.01574 using AB Sciex Triple TOF with fast chromatography	A



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BODY FLUIDS AND PLASMA (cont'd)	<u>Workplace Drug Analysis/Medical Legal Analysis (cont'd)</u>	Documented In-house Method	
Urine (unpreserved)	<b>Determination of:</b> Creatinine, (0.3-50mmol/L)	Method 9.0117 using Jaffe Enzymatic Method	A
	<b>Adulteration analysis for:</b> pH Specific Gravity Oxidants, (20-300mg/L), Chromates, (50-1000mg/L), Nitrites, (125-1000mg/L)	Method 9.0119 using Colourimetry	A A A A
Urine (Unpreserved)	<b>Confirmation (above specified cut-off limit) of the following drugs (cut-off limits):</b> Amphetamine, (200ng/ml), Benzoyllecgonine, (100ng/ml; 150ng/ml), EDDP (2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine), (100ng/ml; 250ng/ml), 3,4-Methylenedioxyamphetamine MDA 3,4-(Methylenedioxyamphetamine) (200ng/ml), MDEA (3,4-Methylenedioxy-N-ethylamphetamine), (200ng/ml), MDMA (3,4-methylenedioxymethamphetamine), (200ng/ml), Methadone, (250ng/ml), Methamphetamine, (200ng/ml)	Method 12.0263 using solid phase extraction and LCMSMS	A



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BODY FLUIDS AND TISSUES (cont'd)  Urine (Unpreserved) (cont'd)	<p><u>Workplace Drug Analysis/Medical Legal Analysis (cont'd)</u></p> <p><b>Confirmation (above specified cut-off limit) of the following drugs (cut-off limits): (cont'd)</b></p> <p><b>Benzodiazepines:</b>            7 amino nitrazepam, (100ng/ml),            7 amino flunitrazepam, (10ng/ml),            Desmethyl Diazepam, (100ng/ml),            Diazepam, (10ng/ml),            Flunitrazepam, (10ng/ml),            Oxazepam, (100ng/ml),            Temazepam, (100ng/ml)</p> <p>Buprenorphine, (2.5ng/ml; 5ng/ml),            Norbuprenorphine, (2.5ng/ml; 5ng/ml)</p> <p>Ketamine, (200ng/ml),            Norketamine, (200ng/ml)</p> <p>6-Mono-Acetyl Morphine, (10ng/ml)</p>	<p>Documented In-House Methods using</p> <p>Method 12.0265 using hydrolysis followed by solid phase extraction and LCMSMS</p> <p>Method 12.0270 using hydrolysis and solid Phase extraction followed by LCMSMS</p> <p>Method 12.0269 using Solid Phase extraction followed by LCMSMS</p> <p>Method 12.0264 using Solid Phase extraction followed by LCMSMS</p>	<p>A</p> <p>A</p> <p>A</p> <p>A</p>



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BODY FLUIDS AND TISSUES (cont'd)  Urine (Unpreserved) (cont'd)	<u>Workplace Drug Analysis/Medical Legal Analysis (cont'd)</u> <b>Confirmation (above specified cut-off limit) of the following drugs (cut-off limits):</b> (cont'd) <b>Opiates:</b> Morphine, (300ng/ml; 2000ng/ml), Codeine, (300ng/ml; 2000ng/ml), Dihydrocodeine, (300ng/ml; 2000ng/ml), Desmethylpapaverine (5ng/ml) Dihydromorphine, (100ng/ml), Hydrocodone, (500ng/ml), Noscapine, (5ng/ml), Papaverine, (5ng/ml), Pholcodine, (100ng/ml), Thebaine, (5ng/ml)	Documented In-House Methods using  Method 12.0262 using hydrolysis followed by solid phase extraction, and LCMSMS	A
Urine (Unpreserved)	11-Nor $\Delta^9$ -Tetrahydro Cannabinol-9-Carboxylic Acid, (15ng/ml)  <b>Quantitative analysis of the following drugs (concentration range):</b> Amphetamine, (25-1000ng/ml) Benzoylecgonine, (25-1000ng/ml), EDDP ( 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine), (25-1000ng/ml), MDA( 3,4-Methylenedioxyamphetamine), ((25-1000ng/ml), MDEA (3,4-Methylenedioxy-N-ethylamphetamine), (25-1000ng/ml), MDMA (3,4-methylenedioxy - methamphetamine), (25-1000ng/ml), Methadone, (25-1000ng/ml), Methamphetamine, (25-1000ng/ml)	Method 12.0261 using hydrolysis followed by solid phase extraction, and LCMSMS  Method 12.0263 using solid phase extraction and LCMSMS	A  A





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<p>BODY FLUIDS AND TISSUES (cont'd)</p> <p>Urine (Unpreserved) (cont'd)</p>	<p><u>Workplace Drug Analysis/Medical Legal Analysis (cont'd)</u></p> <p><b>Quantitative analysis of the following drugs (concentration range):</b> (cont'd)</p> <p><b>Benzodiazepines:</b> 7 amino nitrazepam, (25-1000ng/ml), 7 amino flunitrazepam, (2.5-100ng/ml), Desmethyl Diazepam, (25-1000ng/ml), Diazepam, (2.5-10ng/ml), Flunitrazepam, (2.5-100ng/ml), Oxazepam, (25-1000ng/ml), Temazepam, (25-1000ng/ml)</p> <p>Buprenorphine, (0.5-20ng/ml), Norbuprenorphine, (0.5-20ng/ml)</p> <p>Ketamine, (25-1000ng/ml) Norketamine, (25-1000ng/ml)</p> <p>6-Mono-Acetyl Morphine (0.5-20ng/ml)</p> <p><b>Opiates:</b> Morphine, (50-10000ng/ml) Codeine, (50-10000ng/ml) Dihydrocodeine, (50-10000ng/ml)</p> <p>11-Nor <math>\Delta</math>9-Tetrahydro Cannabinol-9-Carboxylic Acid, (5-100ng/ml)</p>	<p>Documented In-House Methods using</p> <p>Method 12.0265 using hydrolysis followed by solid phase extraction and LCMSMS</p> <p>Method 12.0270 using hydrolysis and solid Phase extraction followed by LCMSMS</p> <p>Method 12.0269 using Solid Phase extraction followed by LCMSMS</p> <p>Method 12.0264 using Solid Phase extraction followed by LCMSMS</p> <p>Method 12.0262 using hydrolysis followed by solid phase extraction, and LCMSMS</p> <p>Method 12.0261 using hydrolysis followed by solid phase extraction, and LCMSMS</p>	<p>A</p> <p>A</p> <p>A</p> <p>A</p> <p>A</p> <p>A</p>



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BODY FLUIDS AND TISSUES (cont'd)	<u>Workplace Drug Analysis/Medical Legal Analysis (cont'd)</u>	Documented In-House Methods using	
Urine (Unpreserved) (cont'd)	<b>Quantitative analysis of the following drugs (concentration range):</b> (cont'd) S-Phenyl Mercapturic Acid (SPMA) (0.5-100ng/MI)	Method 12.0303 by sample dilution and LC-MS-MS	A
Drugs of Abuse in Urine	<u>Opinion and interpretation</u> Opinion and interpretation; relating to consistency of results with declared medication	Documented In-house Methods Method 10.0602 opinions and interpretation	A
- Saliva	<u>Sampling</u> Saliva Collection for subsequent drug of abuse analysis	Method 6.0701 based on European Laboratory Guidelines for Legally Defensible Workplace Drug Testing, Version 1, 2002, using the Quantisal Device	B
- Urine	Specimen collection for subsequent drug of abuse analysis	Method 6.0703 based on European Laboratory Guidelines for Legally Defensible Workplace Drug Testing, Version 1, 2002	B

END