


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>4548</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Forensics Ltd (trading as Ascertain Forensics)</p> <p>Issue No: 022 Issue date: 20 May 2021</p>	
	<p>Ascertain Forensics (Forensics Ltd) Malvern Hills Science Park Geraldine Road Malvern Worcestershire WR14 3SZ</p>	<p>Contact: Andrea Blowers Tel: +44 (0)1684 585282 Fax: +44 (0)1684 574 276 E-Mail: andrea.blowers@ascertaintox.com Website: www.ascertaintox.com</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
BODY FLUIDS and TISSUES	Forensic Testing	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
Blood (Preserved and unpreserved) Urine (Preserved and unpreserved) Serum/Plasma Vitreous Humor	<p><u>Forensic Analysis</u></p> <p>Quantitative analysis (concentration range):- Ethanol -Non RTOA samples. (10-400 mg/dL)</p> <p>Confirmation (above specified cut-off limit) of the following drugs (cut-off limit): Methanol (10 mg/dL) Acetone (2 mg/dL)</p> <p>Quantitative analysis of the following drugs (concentration range): beta-Hydroxybutyrate (BHB) (3.125-25mg/L)</p> <p>gamma-Hydroxybutyrate (GHB) (3.125-25mg/L)</p>	<p>Documented in house method TECH Alcohol (2) 0015.01 using headspace GC-FID</p> <p>Documented in house method TECH BHB 0002 using GC-MS</p> <p>Documented in house method TECH GHB 0003 using GC-MS</p>
Blood (Preserved and unpreserved) Serum/Plasma	<ul style="list-style-type: none"> - Morphine (5-500µg/L) - Morphine-3-glucuronide (5-500µg/L) - Morphine-6-glucuronide(5-500µg/L) 	<p>Documented in house method TECH Morphine 0005 using LC-MS/MS</p>



4548

Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

Forensics Ltd (trading as Ascertain Forensics)

Issue No: 022 Issue date:

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS AND TISSUES Blood (Preserved and unpreserved) Serum/Plasma	Presumptive screening for the presence of the following drugs (cut-off limit): Alprazolam (0.05 mg/L) Amphetamine (0.10 mg/L) Amisulpride (0.013 mg/L) Amitriptyline (0.025 mg/L) Caffeine (0.20 mg/L) Citalopram (0.013 mg/L) Clomipramine (0.025 mg/L) Clozapine (0.20 mg/L) Codeine (0.10 mg/L) Cyclizine (0.013 mg/L) Desipramine (0.013 mg/L) Diazepam (0.05 mg/L) Dihydrocodeine (0.025 mg/L) Diphenhydramine (0.013 mg/L) Dipyridamole (0.025 mg/L) Dosulepin (dothiepin) (0.025 mg/L) Duloxetine (0.20 mg/L) Flecainide (0.0125 mg/L) Fluoxetine (0.013 mg/L) Haloperidol (0.125 mg/L) Ibuprofen (0.25 mg/L) Imipramine (0.025 mg/L) Ketamine (0.05 mg/L) Lorazepam (0.125 mg/L) MDA (0.013 mg/L) MDMA (0.05 mg/L) Mefenamic acid (0.50 mg/L) Mephedrone (0.025 mg/L) Methadone (0.05 mg/L) Midazolam (0.05 mg/L) Mirtazapine (0.025 mg/L) Naproxen (0.25 mg/L) Nitrazepam (0.063 mg/L) Norclomipramine (0.10 mg/L) Norclozapine (0.0125 mg/L) Norfluoxetine (0.20 mg/L) Olanzapine (0.013 mg/L) Oxazepam (0.05 mg/L) Oxycodone (0.013 mg/L) Promazine (0.05 mg/L) Propranolol (0.20 mg/L) Quinine (0.013 mg/L) Sertraline (0.025 mg/L) Temazepam (0.20 mg/L) Zuclopentixol (0.05 mg/L)	Documented in-house method TECH Qual HPLC 0006 using HPLC-DAD



4548
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Forensics Ltd (trading as Ascertain Forensics)

Issue No: 022 Issue date:

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS AND TISSUES Urine (Preserved and unpreserved)	<u>Forensic Analysis (cont'd)</u> Presumptive screening for the presence of the following drugs (cut-off limit): Alprazolam (0.025 mg/L) Amphetamine (0.05 mg/L) Amisulpride (0.05 mg/L) Amitriptyline (0.10 mg/L) Caffeine (0.20 mg/L) Citalopram (0.013 mg/L) Clomipramine (0.05 mg/L) Clozapine (0.20 mg/L) Codeine (0.10 mg/L) Cyclizine (0.013 mg/L) Desipramine (0.013 mg/L) Diazepam (0.063 mg/L) Dihydrocodeine (0.10 mg/L) Diphenhydramine (0.025 mg/L) Dipyridamole (0.05 mg/L) Dosulepin (dothiepin) (0.025 mg/L) Duloxetine (0.20 mg/L) Flecainide (0.0125 mg/L) Fluoxetine (0.05 mg/L) Haloperidol (0.025 mg/L) Ibuprofen (0.25 mg/L) Imipramine (0.025 mg/L) Ketamine (0.05 mg/L) Lorazepam (0.125 mg/L) MDA (0.013 mg/L) MDMA (0.025 mg/L) Mefenamic acid (0.125 mg/L) Mephedrone (0.025 mg/L) Methadone (0.05 mg/L) Midazolam (0.025 mg/L) Mirtazapine (0.05 mg/L) Naproxen (0.063 mg/L) Nitrazepam (0.063 mg/L) Norclomipramine (0.05 mg/L) Norclozapine (0.0125 mg/L) Norfluoxetine (0.05 mg/L) Olanzapine (0.013 mg/L) Oxazepam (0.05 mg/L) Oxycodone (0.013 mg/L) Promazine (0.10 mg/L) Propranolol (0.20 mg/L) Quinine (0.025 mg/L) Sertraline (0.10 mg/L)	Documented in-house method TECH Qual HPLC 0006 using HPLC-DAD



4548
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Forensics Ltd (trading as Ascertain Forensics)

Issue No: 022 Issue date:

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS AND TISSUES Urine (Preserved and unpreserved) (cont'd)	<u>Forensic Analysis (cont'd)</u> Presumptive screening for the presence of the following drugs (cut-off limit) (cont'd): Temazepam (0.10 mg/L) Trimethoprim (0.025 mg/L) Zuclopentixol (0.20 mg/L)	Documented in-house method TECH Qual HPLC 0006 using HPLC-DAD
Blood (Preserved and unpreserved) Serum/Plasma	Presumptive screening for the presence of the following drugs (cut-off limit) : Amisulpride (0.10 mg/L) Amitriptyline (0.20 mg/L) Citalopram (0.025 mg/L) Clomipramine (0.10 mg/L) Clozapine (0.10 mg/L) Codeine (0.20 mg/L) Cyclizine (0.05 mg/L) Desipramine (0.05 mg/L) Diazepam (0.063 mg/L) Dihydrocodeine (0.025 mg/L) Diphenhydramine (0.05 mg/L) Dipyridamole (0.05 mg/L) Dosulepin (dothiepin) (0.025 mg/L) Flecainide (0.05 mg/L) Fluoxetine (0.10 mg/L) Haloperidol (0.20 mg/L) Ibuprofen (0.25 mg/L) Imipramine (0.10 mg/L) Ketamine (0.05 mg/L) Lamotrigine (0.20 mg/L) Lorazepam (0.063 mg/L) MDA (0.05 mg/L) MDMA (0.20 mg/L) Mephedrone (0.05 mg/L) Methadone (0.10 mg/L) Midazolam (0.05 mg/L) Mirtazapine (0.10 mg/L) Naproxen (0.125 mg/L) Nitrazepam (0.10 mg/L) Norclomipramine (0.025 mg/L) Norclozapine (0.025 mg/L) Norfluoxetine (0.10 mg/L) Olanzapine (0.05 mg/L) Oxazepam (0.05 mg/L) Oxycodone (0.10 mg/L) Promazine (0.10 mg/L) Propranolol (0.025 mg/L)	Documented in-house method TECH Qual UHPLC 0007 using UHPLC-DAD



4548
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Forensics Ltd (trading as Ascertain Forensics)

Issue No: 022 Issue date:

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS AND TISSUES	<u>Forensic Analysis (cont'd)</u>	
Blood (Preserved and unpreserved) Serum/Plasma (cont'd)	Presumptive screening for the presence of the following drugs (cut-off limit): (cont'd): Quetiapine (0.025 mg/L) Quinine (0.05 mg/L) Sertraline (0.10 mg/L) Temazepam (0.10 mg/L) Trimethoprim (0.05 mg/L) Zolpidem (0.013 mg/L) Zuclopentixol (0.05 mg/L)	Documented in-house method TECH Qual UHPLC 0007 using UHPLC-DAD (cont'd)
Urine (Preserved and unpreserved)	Presumptive screening for the presence of the following drugs (cut-off limit): Amisulpride (0.05 mg/L) Amitriptyline (0.20 mg/L) Caffeine (0.20 mg/L) Citalopram (0.025 mg/L) Clomipramine (0.10 mg/L) Clozapine (0.10 mg/L) Codeine (0.20 mg/L) Cyclizine (0.10 mg/L) Desipramine (0.10 mg/L) Diazepam (0.063 mg/L) Dihydrocodeine (0.05 mg/L) Diphenhydramine (0.05 mg/L) Dipyridamole (0.05 mg/L) Dosulepin (dothiepin) (0.05 mg/L) Flecainide (0.05 mg/L) Fluoxetine (0.10 mg/L) Haloperidol (0.10 mg/L) Ibuprofen (0.25 mg/L) Imipramine (0.10 mg/L) Ketamine (0.05 mg/L) Lamotrigine (0.05 mg/L) Lorazepam (0.063 mg/L) MDA (0.025 mg/L) MDMA (0.20 mg/L) Mephedrone (0.05 mg/L) Methadone (0.10 mg/L) Midazolam (0.05 mg/L) Mirtazapine (0.05 mg/L) Naproxen (0.125 mg/L) Nitrazepam (0.20 mg/L) Norclomipramine (0.05 mg/L) Norclozapine (0.025 mg/L) Norfluoxetine (0.10 mg/L)	Documented in-house method TECH Qual UHPLC 0007 using UHPLC-DAD



4548
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Forensics Ltd (trading as Ascertain Forensics)

Issue No: 022 Issue date:

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS AND TISSUES	<u>Forensic Analysis (cont'd)</u>	
Urine (Preserved and unpreserved) (cont'd)	Presumptive screening for the presence of the following drugs (cut-off limit) (cont'd): Olanzapine (0.05 mg/L) Oxazepam (0.05 mg/L) Oxycodone (0.20 mg/L) Promazine (0.10 mg/L) Propranolol (0.05 mg/L) Quetiapine (0.05 mg/L) Quinine (0.05 mg/L) Sertraline (0.20 mg/L) Temazepam (0.063 mg/L) Trimethoprim (0.025 mg/L) Zolpidem (0.025 mg/L) Zuclopentixol (0.20 mg/L)	Documented in-house method TECH Qual UHPLC 0007 using UHPLC-DAD
Blood (Preserved and unpreserved) Serum/Plasma	Presumptive screening for the presence of the following drugs (cut-off limit/s) Alprazolam (0.013mg/L) Amphetamine (0.1mg/L/0.013mg/L) Amitriptyline (0.013mg/L/0.050mg/L) Citalopram (0.013mg/L) Clomipramine (0.013mg/L) Codeine (0.050mg/L/0.013mg/L) Cyclizine (0.013mg/L) Desipramine (0.013mg/L) Diazepam (0.013mg/L) Dihydrocodeine (0.013mg/L) Diphenhydramine (0.013mg/L/0.050mg/L) Dosulepin (dothiepin) (0.013mg/L) Fluoxetine (0.013mg/L) Haloperidol (0.013mg/L) Imipramine (0.013mg/L) Lorazepam (0.013mg/L) MDA (0.050mg/L/0.025mg/L) MDMA (0.013mg/L/0.050mg/L) Methadone (0.013mg/L) Mirtazapine (0.013mg/L/0.050mg/L) Nicotine(0.013mg/L) Oxazepam (0.013mg/L) Oxycodone (0.013mg/L) Promazine (0.050mg/L) Sertraline (0.013mg/L) Temazepam (0.013mg/L)	Documented in-house method TECH Qual LCMS 0008 using LC-MS/MS



4548
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Forensics Ltd (trading as Ascertain Forensics)
Issue No: 022 Issue date:

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>BODY FLUIDS AND TISSUES (cont'd)</p> <p>Urine (Preserved and unpreserved)</p>	<p><u>Forensic Analysis (cont'd)</u></p> <p>Presumptive screening for the presence of the following drugs (cut-off limit) Contd:</p> <p>Alprazolam (0.05mg/l/0.013mg/l) Amphetamine (0.013mg/l) Amitriptyline (0.013mg/l/0.050mg/l) Citalopram (0.013mg/l) Clomipramine (0.013mg/l) Codeine (0.050mg/l/0.013mg/l) Cyclizine (0.025/0.013mg/l) Desipramine (0.013mg/l) Diazepam (0.013mg/l) Dihydrocodeine (0.013mg/l/) Diphenhydramine (0.013mg/l/0.050mg/l) Dosulepin (dothiepin) (0.013mg/l) Fluoxetine (0.013mg/l) Haloperidol (0.013mg/l) Imipramine (0.025mg/l) Lorazepam (0.013mg/l) MDA (0.050mg/l/0.025mg/l) MDMA (0.013mg/l/0.050mg/l) Methadone (0.025mg/l) Mirtazapine (0.013mg/l/0.050mg/l) Nicotine(0.013mg/l/0.025mg/l) Oxazepam (0.05mg/l/0.013mg/l) Oxycodone (0.013mg/l) Promazine (0.100/0.050mg/l) Sertraline (0.013mg/l/0.05mg/l) Temazepam (0.013mg/l)</p>	<p>Documented in-house method TECH Qual LCMS 0008 using LC-MS/MS</p>



4548
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Forensics Ltd (trading as Ascertain Forensics)

Issue No: 022 Issue date:

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>BODY FLUIDS and TISSUES (cont'd)</p> <p>Blood (Preserved and unpreserved) Serum/Plasma</p>	<p><u>Forensic Analysis (cont'd)</u></p> <p>Quantitative analysis of the following drugs (concentration range):</p> <p>2-MeO-Diphenidine (0.10-5.0 mg/L) Amisulpride (0.05-10.0 mg/L) Amitriptyline (0.050-2.0 mg/L) Amphetamine (0.10-2.0 mg/L) Caffeine (0.50-50.0 mg/L) Citalopram (0.025-2.0 mg/L) Clomipramine (0.05-2.0 mg/L) Clozapine (0.05-4.0 mg/L) Codeine (0.05-5.0 mg/L) Cyclizine (0.05-5.0 mg/L) Diazepam (0.05-5.0 mg/L) Diphenhydramine (0.05-10.0 mg/L) Dosulepin (Dothiepin) (0.05-2.0 mg/L) Flecainide (0.05-5.0 mg/L) Fluoxetine (0.05-5.0 mg/L) Ketamine (0.025-5.0 mg/L) Lamotrigine (0.05-10.0 mg/L) MDA (0.05-1.0 mg/L) MDMA (0.05-5.0 mg/L) Mephedrone (0.05-5.0 mg/L) Methadone (0.05-2.0 mg/L) Methocarbamol (5.0-100.0 mg/L) Methoxetamine (0.1-5.0 mg/L) Mirtazapine (0.05-10.0 mg/L) Moclobemide (0.20-5.0 mg/L) MPA (0.05-5.0 mg/L) Naproxen (0.156-40.0 mg/L) Nefopam (0.05-5.0 mg/L) Norclomipramine (0.05-2.0 mg/L) Norclozapine (0.05-4.0 mg/L) Norfluoxetine (0.05-5.0 mg/L) Norketamine (0.05-5.0 mg/L) Olanzapine(0.05-5.0 mg/L) Oxycodone (0.05-2.0 mg/L) Pentobarbital (0.20-10.0 mg/L) PMMA (0.05-5.0 mg/L) Quetiapine (0.05-10.0 mg/L) Temazepam (0.10-5.0 mg/L) Zolpidem (0.05-2.0 mg/L)</p>	<p>Documented in-house method TECH Quant HPLC 0009 using HPLC-DAD</p>



4548
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

Forensics Ltd (trading as Ascertain Forensics)
Issue No: 022 Issue date:

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
BODY FLUIDS and TISSUES (cont'd)	<u>Forensic Analysis (cont'd)</u>	
Whole Blood (Preserved)	Detection and quantitation 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: Cannabis Group: Delta-9-tetrahydrocannabinol (2 µg/L) Cocaine Group: Benzoylecgonine (50 µg/L) Cocaine (10 µg/L)	Documented in house method TECH Cannabis 0013, using GC-MS/MS Documented in house method TECH Cocaine 0014, using GC-MS/MS
Whole Blood (Preserved and unpreserved)	Quantitative analysis of the following drugs in non-RTOA samples of (concentration range): Cannabis Group: Delta-9-tetrahydrocannabinol (0.1-100 ng/ml) 11-Hydroxy Delta 9 Tetrahydrocannabinol (0.1-100 ng/ml) 11-nor-9-Carboxy Tetrahydrocannabinol (0.1-100 ng/ml)	Documented in house method TECH Cannabis 0013, using GC-MS/MS
Whole Blood (Preserved)	Cocaine Group: Cocaine (2-2000 ng/ml) Benzoylecgonine (BZE) (2-2000 ng/ml) Cocaethylene (2-2000 ng/ml)	Documented in house method TECH Cocaine 0014, using GC-MS/MS
END		