


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>4548</p> <p>Accredited to ISO/IEC 17025:2005</p>	<p>Forensics Ltd (trading as Alere Forensics)</p> <p>Issue No: 016 Issue date: 21 August 2018</p>	
	<p>Alere Forensics (Forensics Ltd) Malvern Hills Science Park Geraldine Road Malvern Worcestershire WR14 3SZ</p>	<p>Contact: Lucia Gonzalez Menendez Tel: +44 (0)1684 585282 Fax: +44 (0)1684 574 276 E-Mail: Lucia.GonzalezMenendez@alere.com Website: www.alereforensics.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
<p>BODY FLUIDS and TISSUES</p> <p>Blood (Preserved and unpreserved) Urine (Preserved and unpreserved) Serum/Plasma Vitreous Humor</p> <p>Blood (Preserved and unpreserved) Serum/Plasma</p>	<p>Forensic Testing</p>	<p>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</p>
	<p><u>Forensic Analysis</u></p>	
	<p>Quantitative analysis of ethanol (Non RTOA samples): Qualitative analysis of methanol and acetone</p>	<p>Documented in house methods TECH Alcohol 0001 and TECH Alcohol (2) 0015.01 using headspace GC-FID</p>
	<p>Quantitative analysis of beta-Hydroxybutyrate (BHB)</p>	<p>Documented in house method TECH BHB 0002 using GC-MS</p>
	<p>Quantitative analysis of gamma-Hydroxybutyrate (GHB)</p>	<p>Documented in house method TECH GHB 0003 using GC-MS</p>
	<p>Quantitative analysis of</p> <ul style="list-style-type: none"> - Morphine - Morphine-3-glucuronide - Morphine-6-glucuronide 	<p>Documented in house method TECH Morphine 0005 using LC-MS/MS</p>



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<p>BODY FLUIDS and TISSUES (cont'd)</p> <p>Blood (Preserved and unpreserved) Urine (Preserved and unpreserved) Serum/Plasma</p>	<p><u>Forensic Analysis (cont'd)</u></p> <p>Qualitative analysis of basic, neutral and acidic drugs including (but not limited to)</p> <ul style="list-style-type: none"> - Alprazolam - Amphetamine - Amisulpride - Amitriptyline - Caffeine - Citalopram - Clomipramine - Clozapine - Codeine - Cyclizine - Desipramine - Diazepam - Dihydrocodeine - Diphenhydramine - Dipyridamole - Dosulepin (dothiepin) - Duloxetine - Flecainide - Fluoxetine - Haloperidol - Ibuprofen - Imipramine - Ketamine - Lamotrigine - Lorazepam - MDA - MDMA - Mefenamic acid - Mephedrone - Methadone - Midazolam - Mirtazapine - Naproxen - Nicotine - Nitrazepam - Norclomipramine - Norclozapine - Norfluoxetine 	<p>Method developed following the <u>Flexible Scope protocol</u> GEN Flexible 0006 using appropriate extraction procedures, and instrumental analysis using documented in house methods TECH Qual HPLC 0006 (HPLC-DAD), TECH Qual UHPLC 0007 (UHPLC-DAD) and TECH Qual LCMS 0008 (LC-MS/MS)</p>



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<p>BODY FLUIDS and TISSUES (cont'd)</p> <p>Blood (Preserved and unpreserved) Urine (Preserved and unpreserved) Serum/Plasma (cont'd)</p>	<p><u>Forensic Analysis (cont'd)</u></p> <p>Qualitative analysis of basic, neutral and acidic drugs including (but not limited to)</p> <ul style="list-style-type: none"> - Olanzapine - Oxazepam - Oxycodone - Promazine - Propranolol - Quetiapine - Quinine - Sertraline - Temazepam - Trimethoprim - Zolpidem - Zuclopentixol 	<p>Method developed following the <u>Flexible Scope protocol</u> GEN Flexible 0006 using appropriate extraction procedures, and instrumental analysis using documented in house methods TECH Qual HPLC 0006 (HPLC-DAD), TECH Qual UHPLC 0007 (UHPLC-DAD) and TECH Qual LCMS 0008 (LC-MS/MS) (cont'd)</p>



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Blood (Preserved and unpreserved) Serum/Plasma	Quantitative analysis of basic, neutral and acidic drugs including (but not limited to) : <ul style="list-style-type: none">- 2-MeO-Diphenidine- Amphetamine- Amisulpride- Amitriptyline- Caffeine- Citalopram- Clomipramine- Clozapine- Codeine- Cyclizine- Diazepam- Diphenhydramine- Dosulepin (Dothiepin)- Flecainide- Fluoxetine- Ketamine- Lamotrigine- MDA- MDMA- Mephedrone- Methadone- Methocarbamol- Methoxetamine- Mirtazapine- Moclobemide- MPA- Naproxen- Nefopam- Norclomipramine- Norclozapine- Norfluoxetine- Norketamine- Olanzapine- Oxycodone- Pentobarbital- PMMA- Quetiapine- Temazepam- Zolpidem	Method developed following the <u>Flexible Scope protocol</u> GEN Flexible 0006 using appropriate extraction procedures, and instrumental analysis using documented in house method TECH Quant HPLC 0009 (HPLC-DAD)



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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: - Benzoylcegonine (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)	Detection and quantitation of drugs in non-RTOA samples of Cannabis Group: - Delta-9-tetrahydrocannabinol - 11-Hydroxy Tetrahydrocannabinol - 11-nor-9-Carboxy Tetrahydrocannabinol	Documented in house method TECH Cannabis 0013, using GC-MS/MS
Whole Blood (Preserved)	Cocaine Group: - Cocaine - Benzoylcegonine (BZE) - Ecgoninemethyl Ester - Cocaethylene	Documented in house method TECH Cocaine 0014, using GC-MS/MS
END		