


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>1187 Accredited to ISO/IEC 17025:2005</p>	LGC Limited	
	Issue No: 051 Issue date: 26 November 2018	
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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
Animal body fluids Equine Urine and Blood (plasma) Canine Urine and Blood (plasma)	<p><u>Chemical and Biochemical Tests as a drug surveillance service for animal sporting authorities</u></p> <p>Selective detection, identification and confirmation of substances prohibited within the International Agreement on Breeding and Racing.</p> <p>Substances acting on the nervous system cardiovascular system respiratory system digestive system urinary system reproductive system musculoskeletal system blood system immune system endocrine system</p> <p>Including: Antihistamines Antipyretics, analgesics and anti-inflammatory substances Cytotoxic substances Diuretics Endocrine secretions and their synthetic counterparts Local anaesthetics Muscle relaxants Respiratory stimulants Sex hormones, anabolic agents and corticosteroids</p>	<p>Documented in-house methods using: Liquid and solid phase extraction, Liquid chromatography (LC) and Gas chromatography (GC) Mass spectrometry (MS), ELISA immunoassay, Dialysis, Spectrometry (single wavelength and diode array colourimetry)</p> <p>Flexible scope SOP0503 Method series codes as defined in: SPT0308 (details specific matrices and method codes)</p>



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Animal body fluids (cont'd)	<u>Chemical and Biochemical Tests as a drug surveillance service for animal sporting authorities</u> (cont'd)	
	Quantitation of substances affecting blood coagulation and anti-infectious substances	Documented In House methods:
Equine Urine	Salicylic Acid	by LC-UV
Equine Urine Equine Plasma	Hydrocortisone Salicylic Acid	by LC-MS
Equine Urine	Testosterone 3-Methoxytryamine Boldenone Estranediol	by GC-MS Method series codes: SPT0308 details specific method codes
Equine (Mare/Filly and Gelding) Plasma	Quantitation of Testosterone	Documented in-house method SOP4486 using LC-MS-MS
Equine, Canine and other animal species - Blood and Urine	Confirmation of Proteotypic peptides associated with Exogenous Erythropoietin and analogues (including recombinant human preparations such as epoetin, darbepoetin and mircera)	Documented In House methods using selective extraction, digestion and analysis by LC-MS Flexible Scope SOP0503 Method series codes as defined in: SPT0308 (details specific matrices and method codes)
Equine Urine and Blood (plasma)	Screening and confirmation of proteotypic peptide sequences derived from exogenous proteins or peptides	Documented In House methods using selective extraction, digestion and analysis by LC-MS Flexible Scope SOP0503 Method series codes as defined in: SPT0308 (details specific matrices and method codes)
Equine Blood (plasma)	Screening and confirmation of Total Carbon Dioxide	Documented In House method using ion selective electrode Method series codes as defined in: SPT0308 (details specific method codes)
Equine Urine	Screening and quantitation of cobalt and arsenic	Documented In House methods using ICPMS SOP4096



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<p>Animal body fluids (cont'd)</p> <p>Equine Plasma</p> <p>Blood samples for the Veterinary Defence Society and sales/purchase examinations</p> <p>Equine Hair</p>	<p><u>Chemical and Biochemical Tests as a drug surveillance service for animal sporting authorities</u> (cont'd)</p> <p>Screening and quantitation of cobalt</p> <p>Screening and confirmation of: Non-steroidal anti-inflammatory drugs Sedatives Corticosteroids Anabolic steroids</p> <p>Screening of: Anabolic steroids Anabolic steroid esters Corticosteroids Basic, acidic and general drugs</p>	<p>Documented In House methods using ICPMS SOP4300 and SOP4298</p> <p>Documented in-house methods using: Liquid and solid phase extraction, dialysis Liquid chromatography (LC) and Gas chromatography (GC) Mass spectrometry (MS) UV spectrometry Flexible scope SOP0503 Method series codes as defined in: SPT0308 (details specific method codes)</p> <p>Documented in-house methods using: Liquid and solid phase extraction, Liquid chromatography (LC) and Gas chromatography (GC) Mass spectrometry (MS) Flexible Scope SOP0503 Method series codes as defined in: SPT0308 (details specific method codes)</p>



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HUMAN BODY FLUIDS	<u>Chemical Analysis/Workplace Testing</u>	
Human Urine	Screening of: Anabolic Steroids, Psychoactive Substances and related compounds	Documented in-house methods using hydrolysis, liquid and solid phase extraction, Liquid chromatography (LC) Gas chromatography (GC) Mass spectrometry (MS) Flexible scope SOP0503 Method series codes as defined in: SPT0308 (details specific method codes)
Human Hair	Screening of: Amphetamines Benzodiazepines Cocaine group Opiates Cannabinoids	Documented in-house methods (SOP3862, SOP3863 and SOP3959) using LC-MS-MS
Human Fingerprints	Confirmation of: <ul style="list-style-type: none"> - Amphetamine - Methamphetamine - MDMA (3,4-methylenedioxy-methamphetamine) - MDA (3,4-methylenedioxyamphetamine) - MDEA (3,4-methylenedioxy-N-ethylamphetamine) - THC (tetrahydrocannabinol) - Cocaine - Benzoylecgonine - 6-monoacetylmorphine - Morphine - Codeine - Dihydrocodeine 	Documented in-house methods (SOP4458, SOP4459 and SOP4460) using liquid extraction and LC-MS-MS



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Human Hair</p>	<p><u>Chemical Analysis/Workplace Testing (cont'd)</u></p> <p>Confirmation and quantitation of:</p> <p>Amphetamines:</p> <ul style="list-style-type: none"> - Amphetamine - Methamphetamine - MDA - MDMA - MDEA <p>Benzodiazepines group:</p> <ul style="list-style-type: none"> - Bromazepam - Diazepam - Lorazepam - Oxazepam - Nitrazepam - Nordiazepam <p>Cocaine group</p> <ul style="list-style-type: none"> - Cocaine - Benzoylecgonine - Cocaethylene - Norcocaine <p>Opiates group:</p> <ul style="list-style-type: none"> - Morphine - 6MAM <p>Cannabis group:</p> <ul style="list-style-type: none"> - Tetrahydrocannabinol 	<p>Documented in-house methods (SOP3864, SOP3465 and SOP3983) using LC-MS-MS</p>



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<p>HUMAN NUTRITIONAL SUPPLEMENTS</p> <p>Human nutritional supplements including Powders, tablets, capsules, gels, drinks/liquids, nutritional bars and herbal preparations.</p>	<p><u>Chemical and Biochemical Tests as a drug surveillance service</u></p> <p>Screening and confirmation of:</p> <p>Anabolic steroids and agents Stimulants Beta-2-agonists Narcotics Beta-blockers Diuretics and other masking Agents</p>	<p>Documented in-house methods using:</p> <p>Liquid and solid phase extraction, Gas chromatography (GC) Liquid chromatography (LC) Mass spectrometry (MS) Flexible scope SOP0503 Method series codes as defined in: SPT0308 (details specific matrices and method codes)</p>
<p>ANIMAL FOOD AND FEED (products and raw ingredients)</p> <p>Compound animal feeds, feed supplements and associated ingredients</p>	<p><u>Chemical and Biochemical Tests as a drug surveillance service</u></p> <p>Screening and confirmation of:</p> <p>Alkaloids including Xanthines and Opiates</p>	<p>Documented in-house methods using:</p> <p>Liquid and solid phase extraction, Liquid chromatography mass spectrometry (LC-MS) Flexible scope SOP0503 Method series codes as defined in: SPT0308 (details specific matrices and method codes)</p>
END		