


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> TESTING <b>1733</b> Accredited to ISO/IEC 17025:2017	<b>Nationwide Laboratory Services (Poulton) – a division of National Veterinary Services Limited</b>	
	Issue No: 043 Issue date: 20 September 2021	
	<b>Lancefield House</b> 23 Mains Lane Little Singleton Poulton-le-Fylde Lancashire FY6 7LJ	<b>Contact: Sandra Wells</b> Tel: +44 (0) 1253 899215 Fax: +44(0) 1253 891934 E-Mail: info@nwlabs.com Website: www.nwlabs.co.uk
<b>Testing performed by the Organisation at the locations specified</b>		

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

#### Laboratory locations:

Location details	Activity	Location code
23 Mains Lane Little Singleton Poulton-le-Fylde Lancashire FY6 7LJ  <b>Contact:</b> Sandra Wells	BIOCHEMISTRY HAEMATOLOGY MICROBIOLOGY PARASITOLOGY OPINIONS AND INTERPRETATIONS	POU

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

Location details	Activity	Location code
Gate Way Drive Yeadon Leeds LS19 7XY  <b>Contact:</b> Sandra Wells	COVID-19 TESTING	LDS



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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 AND TISSUES from animals as specified  Swabs, Tissue, Urine, Faeces, Skin Scrapings, Hair, Other Body Fluids	<u>Clinical Microbiological Tests</u> and related opinions and interpretations  Isolation and identification of bacteria of clinical significance	Documented In-House Methods supported by veterinary texts:  Methods using isolation culture media and biochemical characterisation tests: SOP 100 Ear microbiology SOP 101 Blood/Joint microbiology SOP 102 Eye microbiology SOP 103 Faeces microbiology SOP 104 Respiratory tract microbiology SOP 105 Skin microbiology SOP 106 Urine microbiology using microscopy and culture SOP 107 Venereal microbiology	POU POU POU POU POU POU POU
Swabs, Tissue, Hair, Body Fluids	Isolation and identification of yeasts and fungi of clinical significance	SOP 100 Ear microbiology  SOP 105 Skin microbiology	POU  POU
Serum	Detection of <i>Aspergillus fumigatus</i> antibody	SOP 113 Immunodiffusion method using Microgen kit	POU
Urine	<u>Urine Examination</u>  Biochemistry screen for pH, protein, glucose, ketone bodies, bilirubin and blood and related opinions and interpretations	Documented In-House Methods:  SOP 112 using Roche-Combur 9 Test, dip stick method	POU
	Specific gravity and related opinions and interpretations	SOP 118 by refractometer	POU



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BODY FLUIDS AND TISSUES from animals as specified (cont'd)	<u>Haematology Tests</u> and related opinions and interpretations	Documented In-House Methods supported by veterinary texts:	
Whole Blood with Anticoagulant (EDTA, heparin or sodium citrate), Blood Smears	Differential white blood cell count	SOP 114, Microscopic examination of a stained smear	POU
	Assessment of red blood cell morphology Assessment of platelet numbers and morphology		POU POU
Whole Blood with Anticoagulant (EDTA, heparin or sodium citrate)	Total Blood Cell Count Total White Cell Count	SOP 154 using automated Advia 2120 analyser	POU
	Haemoglobin		POU
	MCV (Mean corpuscular volume)		POU
	MCHC (Mean corpuscular haemoglobin concentration)		POU
	MCH (Mean corpuscular haemoglobin)		POU
	PCV (Packed cell volume) / Haematocrit		POU
	Automated Reticulocyte count	SOP 155	POU
	Automated Differential count	SOP 151	POU
	Manual Haematocrit	SOP 085 Micro-haematocrit centrifuge method	POU
	Reticulocyte Count	SOP 084 Retic Chex Stain method	POU
One Step Prothrombin Time	SOP 001 Automated coagulation testing using Amelung Micro Coagulator	POU	
Activated Partial Thromboplastin Time	SOP 002 Automated coagulation testing using Amelung Micro Coagulator	POU	



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BODY FLUIDS AND TISSUES from animals as specified (cont'd)	<u>Parasitology Tests</u> and related opinions and interpretations	Documented In-House Methods supported by veterinary texts:	
Faeces	Detection and/or Identification and Enumeration of helminths and protozoa of clinical significance	SOP 108 using microscopy techniques (Cryptosporidia screen using auramine phenol and confirmation by MZN)	POU
Faeces	Detection and Identification of parasitic larvae	SOP 108 using Baerman method	POU
Faeces	Enumeration of eggs and cysts, fluke ova and cysts	SOP 108 using McMaster flotation	POU
Skin Scrapings, Hair Samples	Identification of arthropods of clinical significance	SOP 109 using microscopy techniques	POU
	<u>Biochemistry Tests</u> and related opinions and interpretations		
Blood, Serum, Plasma, Urine, as specified in individual SOPs	Biochemical analysis:	SOP 200 Beckman Coulter DxC700AU analyser and specific SOPs:	POU
	Alanine Aminotransferase (ALT)	SOP 201	POU
	Albumin	SOP 202	POU
	Alkaline phosphatase (ALP)	SOP 203	POU
	Alpha amylase	SOP 204	POU
	Aspartate aminotransferase (AST)	SOP 205	POU
	Bile acid	SOP 206	POU
	Bilirubin - direct	SOP 207	POU
	Bilirubin - total	SOP 208	POU
	Calcium	SOP 209	POU
	Cholesterol	SOP 210	POU
	Creatinine	SOP 211	POU
	Creatinine Kinase (CK NAC)	SOP 212	POU
	Fructosamine	SOP 214	POU
	Gamma-glutamyl transpeptidase (GGT)	SOP 215	POU
	Glucose	SOP 216	POU



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BODY FLUIDS AND TISSUES from animals as specified (cont'd)	<u>Biochemistry Tests</u> and related opinions and interpretations (cont'd)	Documented In-House Methods supported by veterinary texts:	
Blood, Serum, Plasma, Urine, as specified in individual SOPs cont'd	Biochemical analysis cont'd:	SOP 200 Beckman Coulter DxC700AU analyser and specific SOPs cont'd:	POU
	Glutamate dehydrogenase (GLDH)	SOP 217	POU
	Lactate dehydrogenase (LDH)	SOP 218	POU
	Lipase	SOP 219	POU
	Magnesium	SOP 220	POU
	Phenobarbital	SOP 222	POU
	Phosphorus (inorganic phosphate)	SOP 223	POU
	Total protein	SOP 225	POU
	Triglycerides	SOP 227	POU
	Urea	SOP 228	POU
	Uric acid	SOP 229	POU
Blood, Serum, Plasma, Urine	Electrolyte determination: Chloride, Potassium and Sodium	SOP 213	POU
CSF, Urine	Total protein pyrogallol red	SOP 226	POU
Serum, Plasma	Hormone assays:	SOPs using chemiluminescent method using Immulite 2000:	POU
	Canine TSH	SOP 98	POU
	Cortisol	SOP 117	POU
	Progesterone	SOP 124	POU
(Canine/Feline)	Thyroxine (T4)	SOP 003	POU
Blood, Serum, Plasma, Urine	Therapeutic drug monitoring: Digoxin	SOP 99	POU
	Proteins	SOP 24 using cellulose acetate membrane electrophoresis	POU



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FOODS	<u>Microbiological Tests</u>		
	Detection of:		
	<i>Listeria</i> spp including species identification	In-House Method SM 28 using Fraser broth enrichment and selective plating using ALOA Agar and Palcam Agar with confirmation using API	POU
	<i>Salmonella</i> spp	Method SM 05 based on BS EN ISO 6579-1:2017+A1:2020	POU
	Enumeration of:		
	<i>Bacillus cereus</i> (presumptive)	Method SM 11 based on BS EN ISO 7932:2004+A1:2020	POU
	Coliforms (presumptive)	Method SM 02 based on BS ISO 4832:2006	POU
	<i>Clostridium perfringens</i> and sulphite reducing bacteria	Method SM 29 based on BS EN ISO 7937:2004	POU
	Enterobacteriaceae (presumptive)	Method SM 10 based on BS EN ISO 21258-02:2017	POU
	Enterococci	In-house method SM08	POU
<i>Escherichia coli</i> (beta-glucuronidase positive)	Method SM 25 based on BS ISO 16649-2:2001	POU	
Enumeration of:			
<i>Listeria</i> spp including species identification	In-House Method SM 27 using BPW or Fraser broth enrichment and selective plating using Palcam Agar with confirmation using API	POU	



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FOODS cont'd	<u>Microbiological Tests cont'd</u>		
	<i>Staphylococcus aureus</i>	Method SM 07 based on BS EN ISO 6888-1:1999+A2 2018	POU
ENVIRONMENTAL SWABS	Total Aerobic Colony Count at 30°C	Method SM 01 based on BS EN ISO 4833-2:2013	POU
	Yeasts and Moulds	Documented in-house method SM 12 using YEDCA agar (yeast extract, dextrose, chloramphenicol)	POU
	<i>Pseudomonas</i> species (presumptive)	SM 18 Method based on BS EN ISO 13720:2010	POU
	Detection of:		
	<i>Listeria</i> spp. including species identification	In-House Method SM 28 using Fraser broth enrichment and selective plating using ALOA Agar and Palcam Agar with confirmation using API	POU
	<i>Salmonella</i> spp	Method SM 05 based on BS EN ISO 6579-1:2017+A1:2020	POU
	Enumeration of:		
	<i>Bacillus cereus</i> (presumptive)	Method SM 11 based on BS EN ISO 7932:2004+A1:2020	POU
Coliforms (presumptive)	Method SM 02 based on BS ISO 4832:2006	POU	
Enterobacteriaceae (presumptive)	Method SM 10 based on BS EN ISO 21258-02:2017	POU	
Enterococci	In-house method SM 08	POU	



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ENVIRONMENTAL SWABS (cont'd)	<u>Microbiological Tests</u> (cont'd)  Enumeration of: (cont'd)  <i>Escherichia coli</i> (beta-glucuronidase positive)  <i>Listeria</i> spp including species identification  <i>Staphylococcus aureus</i>  Total Aerobic Colony Count at 30°C  Yeasts and Moulds  <i>Pseudomonas</i> species (presumptive)	Method SM 25 based on BS ISO 16649-2:2001  In House Method SM 27  Method SM 07 based on BS EN ISO 6888-1:1999+A2:2018  Method SM 01 based on BS EN ISO 4833-2:2013  Documented in-house method SM 12 based using YEDCA (yeast extract, dextrose, chloramphenicol agar)  Method SM 18 based on BS EN ISO 13720:2010	POU  POU  POU  POU  POU
WATER, Potable	<u>Microbiological Tests</u>  Enumeration of:  Coliforms (total)  <i>Escherichia coli</i>	Documented In-House Methods based on The Microbiology of Drinking Water (MDW), Environment Agency  Method SMWM 02 using membrane filtration based on MDW, 2016, Part 4  Method SMWM 02 using membrane filtration based on MDW, 2016, Part 4	POU  POU





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WATER, Potable (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods based on The Microbiology of Drinking Water (MDW), Environment Agency (cont'd)	
	Enumeration of: (cont'd)		
	Presumptive Enterococci	Method SMWM 03 using membrane filtration based on MDW, 2012, Part 5	POU
	<i>Pseudomonas aeruginosa</i>	Method SMWM 04 using membrane filtration based on MDW, 2015, Part 8	POU
	Total Aerobic Colony Count at 22°C and 37°C	Method SMWM01 using plate method, based on MDW, 2020, Part 7	POU
	Sulphite reducing clostridia and <i>Clostridium perfringens</i> (sporulated)	Method SMWM 05 using membrane filtration based on MDW, 2021, Part 6	POU



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HUMAN BODY FLUIDS  Upper respiratory and nasopharyngeal swabs in Viral Transport Medium (VTM)	<u>Molecular testing</u>  Detection of SARS-CoV-2 (COVID-19) virus specific gene sequences ORF1ab	Documented In-House methods including DHSC requirements for private providers of Covid-19 testing, to include: <ul style="list-style-type: none"> <li>• General population</li> <li>• Test to Release with clinical interpretation provided by the customer</li> </ul> SOP501-CRE, SOP502-CPD Exsig Mag magnetic separation extraction kit. Real-time PCR using Stratagene MX3005P / Agilent Aria DX thermocycler using Primerdesign Genesig real-time PCR kit	LDS
END			