

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK



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Accredited to  
ISO/IEC 17025:2005

### NationWide Laboratories (Poulton) - a trading division of Dechra Ltd

Issue No: 026 Issue date: 12 July 2011

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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
BODY FLUIDS AND TISSUES from animals as specified  Swabs, Tissue, Urine, Faeces, Skin Scrapings, Hair, Other Body Fluids	<u>Clinical Microbiological Tests</u>  Isolation and identification of bacteria of clinical significance and related opinions and interpretations	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
Bacterial Isolates	Antibiotic sensitivity testing	SOP 110 Antimicrobial sensitivity testing
Swabs, Tissue, Hair, Body Fluids	Isolation and identification of yeasts and fungi of clinical significance	SOP 100 Ear microbiology SOP 105 Skin microbiology
Serum	Detection of <i>Aspergillus fumigatus</i> antibody	SOP 113 Immunodiffusion method using Microgen kit
Urine	<u>Urine Examination</u>  Biochemistry screen for pH, protein, glucose, ketone bodies, urobilinogen, bilirubin and blood and related opinions and interpretations	Documented In-House Methods:  SOP 112 using Roche-Combur 9 Test, dip stick method



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BODY FLUIDS AND TISSUES from animals as specified	<u>Clinical Microbiological Tests</u>	Documented In-House Methods supported by veterinary texts:
Urine (cont'd)	<u>Urine Examination</u> (cont'd) Specific gravity and related opinions and interpretations	Documented In-House Methods: SOP 118 by refractometer
Whole Blood with Anticoagulant (EDTA, heparin or sodium citrate), Blood Smears	<u>Haematology Tests</u> Differential white blood cell count and related opinions and interpretations Assessment of red blood cell morphology and related opinions and interpretations Assessment of platelet numbers and morphology and related opinions and interpretations Enumeration of red and white blood cells and platelets and related opinions and interpretations Determination of haemoglobin concentration, MCV, MCHC, MCH and PCV/Haematocrit and related opinions and interpretations	SOP 114, Microscopic examination of a stained smear SOP 114, Microscopic examination of a stained smear SOP 114, Microscopic examination of a stained smear SOP 151 using automated Advia 2120 analyser
	Manual Haematocrit	SOP 085 Micro-haematocrit centrifuge method
	Reticulocyte Count	SOP 084 Retic Chex Stain method
	Automated Reticulocyte count	SOP 155 using automated Advia 2120 analyser
	Automated Differential count	SOP 151 using automated Advia 2120 analyser
	One Step Prothrombin Time	SOP 001 Automated coagulation testing using Amelung Micro Coagulator
	Activated Partial Thromboplastin Time	SOP 002 Automated coagulation testing using Amelung Micro Coagulator



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BODY FLUIDS AND TISSUES from animals as specified (cont'd)	<u>Parasitology Tests</u> and related opinions and interpretations	
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)
Faeces	Detection and Identification of parasitic larvae	SOP 108 using Baerman method  Documented In-House Methods supported by veterinary texts:
Faeces	Enumeration of eggs and cysts, fluke ova and cysts	SOP 108 using McMaster flotation
Skin Scrapings, Hair Samples	Identification of arthropods of clinical significance	SOP 109 using microscopy techniques
	<u>Biochemistry Tests</u> and related opinions and interpretations	
Blood, Serum, Plasma, Urine, as specified in individual SOPs	Biochemical analysis:	SOP 200 Olympus AU640 analyser and specific SOPs:
	Alanine Aminotransferase (ALT)	SOP 201
	Albumin	SOP 202
	Alkaline phosphatase (ALP)	SOP 203
	Alpha amylase	SOP 204
	Aspartate aminotransferase (AST)	SOP 205
	Bile acid	SOP 206
	Bilirubin - direct	SOP 207
	Bilirubin - total	SOP 208
	Calcium	SOP 209
	Cholesterol	SOP 210
	Creatinine	SOP 211



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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)	
Blood, Serum, Plasma, Urine, as specified in individual SOPs (cont'd)	Biochemical analysis: (cont'd)	SOP 200 Olympus AU640 analyser and specific SOPs: (cont'd)
	Creatinine Kinase (CK NAC)	SOP 212
	Fructosamine	SOP 214
	Gamma-glutamyl transpeptidase (GGT)	SOP 215
	Glucose	SOP 216
	Glutamate dehydrogenase (GLDH)	SOP 217
	Lactate dehydrogenase (LDH)	SOP 218
	Lipase	SOP 219
	Magnesium	SOP 220
	Phenobarbital	SOP 222
	Phosphorus (inorganic phosphate)	SOP 223
	Potassium bromide	SOP 224
	Total protein	SOP 225
	Triglycerides	SOP 227
	Urea	SOP 228
	Uric acid	SOP 229
Blood, Serum, Plasma, Urine	Electrolyte determination: Chloride, Potassium and Sodium	SOP 213
CSF, Urine	Total protein pyrogallol red	SOP 226
Serum, Plasma	Hormone assays:	SOPs using chemiluminescent method using Immulite 2000:
	Canine TSH	SOP 98
	Cortisol	SOP 117



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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)	
Blood, Serum, Plasma, Urine	Proteins	SOP 24 using cellulose acetate membrane electrophoresis
	Therapeutic drug monitoring: Digoxin	SOP 99 using automated chemiluminescent method using Immulite 2000
Serum, Plasma	Progesterone	SOP 124 Automated Chemiluminescent method using Immulite 2000
Serum, Plasma	Canine/Feline Thyroxine (T4)	SOP 003 Automated Chemiluminescent method using Immulite 2000
Muscle Juice, Serum or Plasma	Porcine <i>Salmonella</i> antibody	SOP 130 using an automated ELISA system
FOODS	<u>Microbiological Tests</u>	
	Detection of:	
	Thermotolerant <i>Campylobacter</i> spp	Method SM 17 based on BS EN ISO 10272-1:2006
	<i>Listeria</i> spp including species identification	In-House Method SM 28
	<i>Salmonella</i> spp	Method SM 05 based on BS EN ISO 6579:2002
	Enumeration of:	
	<i>Bacillus cereus</i> (presumptive)	Method SM 11 based on BS EN ISO 7932:2004
	Coliforms (presumptive)	Method SM 02 based on BS ISO 4832:2006
	<i>Clostridium perfringens</i> and sulphite reducing bacteria	Method SM 29 based on BS EN ISO 7937:2004
	Enterobacteriaceae	Method SM 10 based on BS ISO 21528:2004



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FOODS (cont'd)	<u>Microbiological Tests</u> (cont'd)  Enumeration of:  Enterococci  <i>Escherichia coli</i> (beta-glucuronidase positive)  <i>Listeria</i> spp including species identification  <i>Staphylococcus aureus</i>  Total viable count at 30°C  Yeasts and Moulds  <i>Pseudomonas</i> species (presumptive)	In-house method SM08 - spread plate technique using media specified in MDW 2010  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  Method SM 01 based on BS EN ISO 4833:2003  Documented in-house method SM 12 using YEDCA agar (yeast extract, dextrose, chloramphenicol)  SM 18 Method based on BS EN ISO 13720:2010
ENVIRONMENTAL SWABS	Detection of:  <i>Listeria</i> spp. including species identification  <i>Salmonella</i> spp  Enumeration of:  Bacillus cereus (presumptive)  Coliforms (presumptive)  Enterobacteriaceae	In-House Method SM 28  Method SM 05 based on BS EN ISO 6579:2002  Method SM 11 based on BS EN ISO 7932:2004  Method SM 02 based on BS ISO 4832:2006  Method SM 10 based on BS ISO 21528:2004



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ENVIRONMENTAL SWABS (cont'd)	<u>Microbiological Tests</u> (cont'd)  Enumeration of: (cont'd)  Enterococci  <i>Escherichia coli</i> (beta-glucuronidase positive)  <i>Listeria</i> spp including species identification  <i>Staphylococcus aureus</i>  Total viable count at 30 °C  Yeasts and Moulds  <i>Pseudomonas</i> species (presumptive)	In-house method SM 08 - - spread plate technique using media specified in MDW 2010  Method SM 25 based on BS ISO 16649-2:2001  Method SM 27 based on BS EN ISO 11290-2:1998  Method SM 07 based on BS EN ISO 6888-1:1999  Method SM 01 based on BS EN ISO 4833: 2003  Documented in-house method SM 12 based using YEDCA (yeast extract, dextrose, chloramphenicol agar)  Method SM 18 based on BS EN ISO 13720:2010
WATER, potable	<u>Microbiological Tests</u>  Enumeration of:  Coliforms (total)  <i>Escherichia coli</i>  Presumptive Enterococci	Documented In-House Methods based on The Microbiology of Drinking Water (MDW), Environment Agency  Method SMWM 02 using membrane filtration based on MDW, 2009, Part 4  Method SMWM 02 using membrane filtration based on MDW, 2009, Part 4  Method SMWM 03 using membrane filtration based on MDW, 2010,



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WATER, potable (cont'd)	<u>Microbiological Tests</u> (cont'd)  Enumeration of: (cont'd)  <i>Pseudomonas aeruginosa</i>  Total Viable Count at 30 °C or 22 °C and 37 °C  Sulphite reducing clostridia and <i>Clostridium perfringens</i> (sporulated)	Documented In-House Methods based on The Microbiology of Drinking Water (MDW), Environment Agency (cont'd)  Method SMWM 04 using membrane filtration based on MDW, 2010,  Method SMWM 01 using pour plate method, based on MDW, 2007, Part 7  Method SMWM 05 using membrane filtration based on MDW, 2010
	END	