


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>2700</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>National Milk Records plc (trading as National Milk Laboratories)</p> <p>Issue No: 024 Issue date: 16 August 2022</p>	
	<p>Unit 26 - 29 Calibre Industrial Park Laches Close Four Ashes Staffordshire WV10 7DZ</p>	<p>Contact: Mr Andrew Dungey Tel: +44 (0)190 274 9920 Fax: +44 (0)190 274 9938 E-Mail: andrewdu@nmrp.com Website: www.nationalmilklaboratories.co.uk</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
DAIRY PRODUCTS	<u>Chemical Tests</u>	
Milk, Raw and Semi-Skimmed	Butterfat	SOP119 using mid-range Infra Red Spectroscopy
Liquid milk, all types	Freezing point depression (FPD)	SOP115 using freezing point cryoscope
Milk, raw	Protein	SOP119 using mid-range Infra Red Spectroscopy
	Casein	
	Somatic cell count	
	Urea	
DAIRY PRODUCTS	<u>Microbiological Tests</u>	
Liquid Milk	Detection of Antibiotics and Inhibitory substances	SOP019 by Bacillus Stearothermophilus var calidoctis sensitivity by Delvo T test
	Total Bacterial Count	SOP117 using Bactoscan FC by Flow cytometry
	<u>Serological Tests</u>	
Bovine blood, serum, plasma Raw bovine milk	<i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> (MAP)	SOP123 using Indirect ELISA (IDEXX) Manual method
Bovine Milk (Individual and Bulk)	<i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> (MAP)	SOP123 by Indirect ELISA (IDEXX) using manual method or inSPIRE automated system (SOP167)



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Issue No: 024 Issue date: 16 August 2022

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
DAIRY PRODUCTS (cont'd)	<u>Serological Tests</u> (cont'd)	
Bovine Raw Milk (bulk tank/individual) and Bovine Blood Serum	Detection of Bovine Viral Diarrhoea Virus (BVDV) and Border Disease Virus (BDV) Antibodies (screening)	SOP035 by TECAN robot sampler or the manual sample handling using the IDEXX BVDV p80 Protein Antibody ELISA kit
Bovine Raw Milk (bulk tank/individual) serum and whole blood	<u>Molecular Tests</u>	
	Detection of Bovine Viral Diarrhoea Virus (Type I and II) and Border Disease RNA type 1 to 6 (BVDV/BDV) (screening)	SOP030 RNA Extraction using Kingfisher Duo automation and the MagVet universal purification kit. Detection of BVDV /BDV by SOP 031 using Stratagene MX 3005P and LSI Taqvet BVDV/BDV PCR screening kit
Bovine Ear Tissue	Extraction of bovine genomic DNA and genotyping by DNA analysis of SNPs and CNV markers.	Genomic DNA extraction using Kingfisher™ Flex (SOP201) Illumina Infinium HTS Assay using BovineSNP50 DNA Analysis BeadChip and Illumina iScan (SOP210).
END		