

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



2700

Accredited to
ISO/IEC 17025:2017

National Milk Records Limited

Issue No: 027 Issue date: 21 November 2024

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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
DAIRY PRODUCTS	<u>Chemical Tests</u>	In House Documented Methods
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	SOP119 using Fluoro-optoelectronic counting methods
	Urea	
	<u>Microbiological Tests</u>	
Liquid Milk	Detection of Antibiotics and Inhibitory substances	SOP019 by Bacillus Stearothermophilus var calidocetis sensitivity by Delvo T test
	Total Bacterial Count	SOP117 using Bactoscan FC by Flow cytometry
ANIMAL TISSUE AND FLUIDS	<u>Serological Tests</u>	In House Documented Methods



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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)	<i>Mycobacterium avium</i> subspecies <i>paratuberculosis</i> (MAP)	SOP123 by Indirect ELISA (IDEXX) using manual method or inSPIRE automated system (SOP167)
Bovine Raw Milk (bulk tank/individual) and Bovine Blood Serum	Detection of Bovine Viral Diarrhoea Virus (BVDV) and Border Disease Virus (BDV) Antibodies (screening) <u>Molecular Tests</u>	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)	Detection of Bovine Viral Diarrhoea Virus (Type 1 and 2) and Border Disease Virus (Type 1-6) RNA (BVDV/BDV screening)	SOP030 RNA Extraction using the MagMAX CORE NA Purification Kit on the KingFisher Flex SOP 031 Detection of BVDV/BDV using the VetMAX BDVD Screening Kit on the QuantStudio 5 thermal cycler
Bovine Ear Tissue	Extraction of bovine genomic DNA and genotyping by DNA analysis of SNPs and CNV markers	SOP201 Genomic DNA extraction using the KingFisher Flex using the MagMAX CORE NA Purification kit SOP210 Illumina Infinium HTS Assay using the BovineSNP50 DNA Analysis BeadChip and Illumina iScan Data analysis performed externally
END		