

Final Analytical Report

Tracey Young
Blackmore Vale Farm Cream Ltd (B V Dairy)
Wincombe Lane
Shaftesbury
Dorset
SP7 8QD
United Kingdom

Date of sample receipt: 16 April 2025

Report issue date: 09 May 2025

Sample Type:
Milk

Customer Reference:
ZZLAB

Test Details:

MRM1 (SOP: FSG377)

Signed:



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1642

Report Details:

Method Summary:

No deviations from the SOP were made.

Report Summary:

No residues were found in the sample(s) supplied at or above the reporting limits quoted. The results relate only to the sample(s) supplied.

Sample Details:

FERA Reference:	S25-019334	Sample received on:	16 Apr 2025
Sample Type:	Milk		
Customer Reference:	ZZLAB		
Additional Information:	Veterinary Medicines Multi-Residue Screen 1		

Analytical results:

Result

Beta-Lactams

Amoxicillin	<	1.3 µg/kg
Ampicillin	<	1.3 µg/kg
Cloxacillin	<	15 µg/kg
Dicloxacillin	<	7.5 µg/kg
Nafcillin	<	7.5 µg/kg
Oxacillin	<	7.5 µg/kg
Penicillin G	<	1.3 µg/kg
Penicillin V	<	1.3 µg/kg

Cephalosporins

Cefalexin	<	50 µg/kg
Cefalonium	<	10 µg/kg
Cefapirin	<	15 µg/kg
Cefazolin	<	25 µg/kg
Cefoperazone	<	25 µg/kg
Cefquinome	<	5.0 µg/kg
Ceftiofur	<	50 µg/kg
Desacetylcefapirin	<	15 µg/kg

Macrolides

3-O-Acetyltylosin	<	1.3 µg/kg
Erythromycin	<	7.5 µg/kg
Gamithromycin	<	2.5 µg/kg
Josamycin	<	10 µg/kg
Lincomycin	<	2.5 µg/kg
Pirlimycin	<	5.0 µg/kg
Spiramycin	<	5.0 µg/kg
Tildipirosin	<	20 µg/kg
Tilmicosin	<	2.5 µg/kg
Tulathromycin	<	15 µg/kg
Tylosin	<	5.0 µg/kg
Tylvalosin	<	1.3 µg/kg

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Analytical results:

Result

Macrolides

Virginiamycin	<	0.50 µg/kg
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Other

Dapsone	<	0.25 µg/kg
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Rifampicin	<	5.0 µg/kg
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Valnemulin	<	2.5 µg/kg
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Quinolones

Ciprofloxacin	<	1.3 µg/kg
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Danofloxacin	<	2.5 µg/kg
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Difloxacin	<	7.5 µg/kg
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Enrofloxacin	<	1.3 µg/kg
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Flumequine	<	10 µg/kg
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Marbofloxacin	<	2.5 µg/kg
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Nalidixic Acid	<	2.5 µg/kg
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Norfloxacin	<	2.5 µg/kg
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Oxolinic Acid	<	2.5 µg/kg
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Sarafloxacin	<	1.5 µg/kg
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Sulfonamides

Sulfachloropyridazine	<	5.0 µg/kg
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Sulfadiazine	<	5.0 µg/kg
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Sulfadimethoxine	<	5.0 µg/kg
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Sulfadoxine	<	5.0 µg/kg
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Sulfaguanidine	<	5.0 µg/kg
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Sulfamerazine	<	5.0 µg/kg
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Sulfamethazine	<	5.0 µg/kg
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Sulfamethizole	<	5.0 µg/kg
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Sulfamethoxazole	<	5.0 µg/kg
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Sulfamethoxypyridazine	<	5.0 µg/kg
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Sulfamonomethoxine	<	5.0 µg/kg
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Sulfamoxole	<	5.0 µg/kg
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Sulfanilamide	<	5.0 µg/kg
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Sulfonamides

Sulfapyridine	<	5.0 µg/kg
Sulfaquinoxaline	<	5.0 µg/kg
Sulfathiazole	<	5.0 µg/kg
Sulfisoxazole	<	5.0 µg/kg
Trimethoprim	<	2.5 µg/kg

Tetracyclines

4-Epichlortetracycline	<	2.5 µg/kg
4-Epioxytetracycline	<	2.5 µg/kg
4-Epitetracycline	<	2.5 µg/kg
Chlortetracycline	<	2.5 µg/kg
Doxycycline	<	5.0 µg/kg
Oxytetracycline	<	2.5 µg/kg
Tetracycline	<	2.5 µg/kg

Method Summary Details:

FSG377

Matrix sample is extracted using acetonitrile. After homogenising, shaking and centrifugation, the supernatant is applied to a dispersive solid phase extraction (SPE). After further shaking and centrifugation the supernatant is concentrated through evaporation before a final centrifugation and filtration. Analysis of the extract is carried out by reverse phase high performance liquid chromatography (HPLC) coupled to tandem mass spectrometric detection (MS/MS).