

Analytical Report

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

Customer order: PO049957
Customer reference: W5ZE 2314
Date of sample receipt: 16 April 2025
Report issue date: 02 May 2025

Sample Type:
Milk

Customer Reference:
ZZLAB

Signed:



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Malcolm Baxter, Senior Analyst
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Report Details:

Method Summary:

FSG 461: Totals method (Batches CLW)

Aliquots of homogenised test sample were digested in a mixture of nitric acid and hydrochloric acid using a high-pressure microwave system. Quantification was by inductively coupled plasma-mass spectrometry (ICP-MS) with collision cell. Quality checks included blanks, spikes, and certified reference materials.

Report Summary:

All data are corrected for reagent blank and spike recovery. The Reporting Limit was calculated from 10 x standard deviation of reagent blank values adjusted for dilution and sample weight. Reference material data were satisfactory.

< denotes result is less than the Reporting Limit

Analytical Report



Sample Details:

FERA Reference:	S25-019317	Sample received on:	16 Apr 2025
Sample Type:	Milk		
Customer Reference:	ZZLAB		
Additional Information:	Milk		

<u>Analytical results:</u>		<u>Result</u>	<u>Recovery</u>	<u>Batch</u>	<u>Reporting</u>
			<u>%</u>	<u>Code</u>	<u>Limit</u>
Arsenic	<	0.002 mg/kg	90	CLW	0.002 mg/kg
Cadmium	<	0.001 mg/kg	101	CLW	0.001 mg/kg
Lead	<	0.002 mg/kg	97	CLW	0.002 mg/kg
Mercury	<	0.005 mg/kg	75	CLW	0.005 mg/kg