



COA ID: 3850-500-05

Certificate of Analysis

COA Number: 81352747-3

Product Description: CALCIUM CASEINATE 385

Factory: 4174

Buyer Order: DB08/65

Batch/Cypher: DR05

Manufacture Date: 05 November 2007

Parameter	Units of Measure	Test Method	Mean Result
Protein Dry Basis	% m/m	Calculation	95.7
Fat	% m/m	SBR	1.2
Moisture	% m/m	Gravimetric	4.50
Ash	%m/m	TGA 825	4.1
pH	pH units	5% TS 20°C	7.1
Lactose Monohydrate	% m/m	Phenol/Sulphuric	0.1
Pesticides Other	mg/kg	GLC	Not Detected ¹
Calcium	% m/m	ICP-OES	1.4
Sodium	% m/m	ICP-OES	0.004
Heavy Metals as Lead	mg/kg	Sulphide Method mg/kg	< 3 ¹
Scorched Particles	/50g	ADPI	A
Foreign Matter	/50g		Pass
Flavour DFC		Sensory Evaluation	Typical
Aerobic Plate Count	cfu/g	IDF 100B	100
Coliforms	cfu/g	Count IDF73B	<1



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Parameter	Units of Measure	Test Method	Mean Result
Escherichia coli	/g	Detection IDF170A/LST-MUG	Not Detected
Yeasts and Moulds	cfu/g	IDF 94B	<1
Coag Positive Staphylococci	/g	Detection IDF60C	Not Detected
Salmonella	/750g	Detection FDA	Not Detected
Listeria	/125g	Detection ISO	Not Detected
Inhibitory Substances	IU/ml	Modified IDF57	< 0.0025

- 1** Attribute has been tested periodically. Result taken from AR30

Comments: Pesticide result of Not Detected mg/kg meets all CODEX and EU regulation pesticide limits.

Fonterra hereby certifies that the product supplied against this certificate was manufactured in New Zealand and samples have been examined and subjected to laboratory analysis. Such products are manufactured and tested in premises registered under statutory requirements by the New Zealand Food Safety Authority. All premises are subject to regular audit to ensure compliance with the terms of, and conditions, of registration.



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A handwritten signature in black ink, appearing to read "S. Bunting", is written in a cursive style.

Signatory: Stan Bunting

Title: Quality and Compliance Manager

Date: 26 November 2008

stan.bunting@fonterra.com

Should you have any further queries please contact your Customer Service Representative or Account Manager