Westland Milk Products
Hokitika · New Zealand

56 Livingstone Street
Hokitika, New Zealand
Ph: +64 3 756 9800

CERTIFICATE OF ANALYSIS

Product Description: Sodium Caseinate
Customer: Simin Faravar Company

Buyer Order No. JM 20/08-H

Factory: 143
Specification: 4401
Cypher: KA28
Manufacture Date: 28 June 2016
Expiry Date: 28 June 2018
Unit Range: CA023770-CA023776

Parameter	Unit of Measure	Mean Result	Test Method
Protein (6.38 x N) as is	% m/m	92.2	ISO 21543 / IDF 201
Protein dry basis	% m/m	96.11	Calculation
Fat	% m/m	0.8	ISO 21543 / IDF 201
Moisture	% m/m	4.1	ISO 21543 / IDF 201
Ash	% m/m	3.7	ISO 21543 / IDF 201 (modified)
Milk Solids	%	95.9	Calculation
Lactose [1]	%	0.1	ISO 5548 / IDF106 (modified)
pH	5%	6.92	ISO 21543 / IDF 201 (modified)
Calcium (Ca)	mg/100g	0	Westland Milk Products In-house
Sodium (Na)	mg/100g	1350	Westland Milk Products In-house
Viscosity [1]	cP	1231	AQ In-House Brookfield Viscometer (LV)
Foreign Matter		Absent	NZTM 4:3.3
Scorched Particles	/50g	A	NZTM 4.3.17
Flavour		Typical	Westland Milk Products In-house
Nitrates	mg/kg	3	ISO 14673-3 / IDF 189-3 (modified)
Nitrites	mg/kg	0.1	ISO 14673-3 / IDF 189-3 (modified)
Melamine [1,2]	mg/kg	Not Detected	LC-MS/MS
Aerobic Plate Count at 30°C	cfu/g	<10	ISO 4833-1 (E) (modified)
Escherichia coli; Detection using LST-MUG	ND/D	Not Detected	ISO 11866-1 / IDF 170-1 (E) (modified)
Coliforms; Detection using LST-MUG	ND/D	Not Detected	ISO 11866-1 / IDF 170-1 (E) (modified)
Coagulase Positive Staphylococci; Detection	ND/D	Not Detected	ISO 6888-3 (E) (modified)
Thermophilic Bacteria Count	cfu/g	<10	APHA 17th Edition Chapter 8.040
Yeast and Moulds; Count	cfu/g	<10	ISO 6611
Salmonella [1]	/750g	Not Detected	FDA BAM 5
Listeria Monocytogenes; Detection at 37°C [1]	/125g	Not Detected	ISO 11290-1 (Amendment 1)
Inhibitory Substances	ND/D	Not Detected	FDA BAM 20A (modified)

[1] Tests are subcontracted [2] Tested periodically

The product supplied against this Certificate is manufactured from New Zealand milk but may include imported ingredients.
The finished product is manufactured and tested in premises registered under statutory requirements by New Zealand's Ministry for Primary Industries (MPI). All premises are subjected to regular audit to ensure compliance with the terms and conditions of registration.
Samples have been examined and subjected to laboratory analysis using internationally recognised procedures.
Copies of test methods and sampling plans are available on request.

I hereby declare that this is a true, complete and accurate copy of this record.

Prepared by: Lynda McAuliffe
Title: Laboratory Administration
Date: 27 February 2017

Released by: Shane Reeves
Title: Laboratory Manager
Date: 27 February 2017

3:06 p.m. 1/03/2017