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CERTIFICATE OF ANALYSIS

Date: 05 June 2012
 Factory Reg. No: 123
 Product: Whole Milk Powder: Specification 0701
 Manufacture Code: JW02 - 0701
 Date of Manufacture: 02 May 2012
 Expiry Date: 30 April 2014

TEST	RESULT		METHOD
	Mean	SD	
Fat % m/m	26.33	0.09	ISO 1211 / IDF 1:2010
Protein % m/m	24.49	0.07	IDF 20-1:2001, AOAC 991.20
Moisture % m/m	3.41	0.12	IDF 26A:1993
Ash % m/m	4.40		BS 1743:1968 (mod)
Lactose % m/m	41.38		Calculation
Titrateable Acidity % m/m	0.08		AOAC 947.05, BS1741:1989
Insolubility Index mL	0.10		ISO 8156 / IDF 129:2005
Bulk Density 625 g/mL	0.607		Niro A2a: 2006
Scorched Particles /65g	A		ADMI 916:1990
Foreign Matter Class /65g	Absent		ADMI 916:1990
Powder Appearance	8		DDM16 6.2
Powder Odour	8		DDM16 6.2
Powder Taste	8		DDM16 6.2
Inhibitory Substances/Antibiotics IU/mL	Absent		IDF 57:1970 (mod)
Aerobic Plate Count cfu/g	311		ISO 4833:2003 (E)
Coliforms cfu/g	Absent		ISO 11866-1:2005(E)/IDF 170-1
E. Coli /g	Absent		ISO 11866-1:2005(E)/IDF 170-1
Coagulase +ve Staphylococci cfu/g	Absent		ISO 6888-1:2003
Sulphite Reducing Clostridia at 46 degrees C cfu/g	<1		ISO 15213:2003 (E)
Yeast & Mould cfu/g	<1		ISO 6611/IDF 94:2004
Thermophilic Aerobic Spore cfu/g	8		APHA 8.090 (mod)
Salmonella /750g	Absent		ISO 6579:2002 (E)
E. sakazakii /100g	Absent		ISO/TS 22964 / IDF/RM 210:2006

New Zealand Dairies Limited (In Receivership) 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 Ministry for Primary Industries. All premises are subject to regular audits to ensure compliance with the terms and conditions of registration. All products manufactured by NZDL (In Receivership) are free of Melamine and are supported by MPI's assurances in relation to New Zealand Dairy Products (www.nzfsa.govt.nz)

Signatory: Shane Lodge
 Title: Quality and Compliance Manager

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