

VeriCal® Processed Milk - Data Summary Sheet

CODE 1203 WITH GREEN CAPS AND BLUE LABELS

Issue Date: 1 February 2018

Expiry Date: 12 March 2018

Version: 2

Table 1. Fat, Lactose, Crude Protein, True Protein, Solids Non Fat & Total Solids

(Expressed in %m/v - milk)

Sample ID	Composition	Assigned Values					
		Fat (n) [g/100ml]	Lactose Monohydrate (n) [g/100ml]	Crude Protein (n) [g/100ml]	True Protein (n) [g/100ml]	Solids Non Fat (n) [g/100ml]	Total Solids (n) [g/100ml]
1	100% Skinny Milk	0.07 (12)	5.79 (8)	3.88 (12)	3.68 (12)	10.31 (12)	10.38 (12)
2	Skinny Milk, Whole Milk and PhysiCal	0.78 (12)	5.49 (8)	4.49 (12)	4.29 (12)	10.57 (10)	11.34 (10)
3	100% Rev	1.19 (11)	5.57 (6)	3.24 (12)	3.06 (11)	9.23 (11)	10.42 (11)
4	100% PhysiCal	1.25 (12)	5.04 (8)	5.86 (12)	5.65 (12)	11.62 (12)	12.87 (12)
5	Whole Milk, Skinny Milk and PhysiCal	1.91 (10)	5.46 (8)	3.59 (12)	3.42 (12)	9.65 (12)	11.56 (12)
6	Whole Milk, PhysiCal and Water	1.46 (11)	4.73 (7)	5.14 (11)	4.96 (11)	10.51 (11)	11.97 (12)
7	100% Smarter Protein Plus	1.99 (12)	6.17 (8)	4.07 (12)	3.87 (12)	10.89 (12)	12.88 (12)
Methods		Gravimetric	HPLC	Kjeldahl	Kjeldahl	Gravimetric	Gravimetric

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Table 2. Fat, Lactose, Crude Protein, True Protein, Solids Non Fat & Total Solids

(Expressed in %m/m - milk)

Sample ID	Composition	Assigned Values					
		Fat (n) [g/100g]	Lactose Monohydrate (n) [g/100g]	Crude Protein (n) [g/100g]	True Protein (n) [g/100g]	Solids Non Fat (n) [g/100g]	Total Solids (n) [g/100g]
1	100% Skinny Milk	0.07 (12)	5.58 (8)	3.74 (10)	3.55 (11)	9.93 (12)	9.99 (12)
2	Skinny Milk, Whole Milk and PhysiCal	0.75 (12)	5.29 (8)	4.32 (12)	4.14 (12)	10.19 (10)	10.94 (10)
3	100% Rev	1.15 (11)	5.38 (5)	3.13 (12)	2.97 (11)	8.91 (10)	10.06 (10)
4	100% PhysiCal	1.20 (12)	4.85 (8)	5.63 (11)	5.43 (12)	11.17 (12)	12.37 (12)
5	Whole Milk, Skinny Milk and PhysiCal	1.84 (12)	5.28 (8)	3.47 (12)	3.30 (12)	9.33 (12)	11.17 (12)
6	Whole Milk, PhysiCal and Water	1.41 (11)	4.57 (7)	4.96 (11)	4.79 (11)	10.14 (11)	11.55 (12)
7	100% Smarter Protein Plus	1.91 (12)	5.95 (8)	3.92 (12)	3.72 (11)	10.48 (12)	12.39 (12)
Methods		Gravimetric	HPLC	Kjeldahl	Kjeldahl	Gravimetric	Gravimetric



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Intended Use: For the confirmation of FTIR instrument calibration used to determine attributes of Processed Bovine Milk.

Description: 50ml+ coloured and preserved sample packaged in an amber glass bottle

Homogeneity: This reference material has been assessed as homogeneous

Stability: An expiry period consistent with the shelf life of the product and/or estimated from stability studies has been applied

Storage: Store samples refrigerated (approximately 4°C). Once opened, samples will be unstable due to oxidation and evaporation.

Assigned Values: The Mean is the simple mean excluding outliers and n (in brackets) is the number of results used.

Quality Statement: The values shown have been generated using results from independent testing laboratorie(s) accredited under the General requirements for the competence of testing and calibration laboratories to ISO/IEC 17025. These procedures are based on ISO 17034, and ISO Guides 31 and 35, which relate to the production, certification and quality system requirements of Reference Materials.