



Certificate of Analysis

Bovine Colostrum – whey Powder, Ultra Grade, freeze dried, non-organic,

Product:

Expiry Date: 2 years after production, Place of origine: Germany

Description:

Bovine Colostrum – Powder is a freeze dried Premilk Powder that contains a high level of free Amino Acids and Immunoglobulins. The powder is skimmed, non-pasteurized, micro-filtered, sterile filtered, freeze-dried

Processing:

Product Characteristics:

- Appearance: yellow or yellowish powder
- Free from inhibitory additives
- High in vitamins and minerals
- High in IgG and IgF-1
- 100 % pure colostrums



Composition:

Component	Specification ¹		Result [% (w/w)]	Test assay Reference
	Min.	Max.		
Protein (in dry mass)	55.0		60.3	§64 LFGB L01.00-10/1 u. 10/2
Carbohydrates	39.0		36.3	Calculated
Lactose	20.0	40.0	29.1	§64 LFGB L01.00.17
Fat	≤ 0.5		0.0	§64 LFGB L 13.00-26
Saturated fatty acids	≤ 0.5		n.t.	ISO 15884/IDF182 und 15885/IDF 184
Salt	0.38		n.t.	DIN EN ISO 8070/IDF 119
Water	< 4.0		0.5	Calculated
Dry mass	> 96.0		99.5	§64 LFGB L02.09-4
Ashes	2.5	6.0	2.9	§64 LFGB L01.00.77
IgG	≥ 35.0		38.6	§64 LFGB L01.00.65
Antibiotics	negative		negative	BRT-Test

n.t. – not tested

¹permissible tolerances according to food regulations in the currently valid version



Physical/Chemical Analysis:

pH	4.6
Colour	yellowish
Bulk Density	0.62 g/ ml
Flavour	milky

Microbiology Analysis:

	Specification	Result
Cell-count	< 1,0 x 10 ⁵ cfu/g	2,3 x 10 ³ cfu/g
Yeast and Mildew	< 1,0 x 10 ² cfu/g	10 cfu/g
E-Coli	< 10 cfu/g	< 10 cfu/g
Enterobacteriaceae	< 10 cfu/g	< 10 cfu/g
Listeria monocytogenes	< 1,0 x 10 ² cfu/g	< 10 cfu/g
Salmonella	negative/ 25g	negative/ 25g

n.t. – not tested

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