



Certificate of Analysis

Product: *C30 Bovine Colostrum – Powder, High Protein, freeze dried, non-organic*
Date of Expiry: two 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.

Processing: The powder is skimmed, concentrated, freeze-dried

Product Characteristics:

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



Composition:

Component	Specification ¹		Result [% (w/w)]	Test assay Reference
	Min.	Max.		
Protein (in dry mass)	82.0		86.2	§64 LFGB L01.00-10/1 u. 10/2
Carbohydrates	9.2		9.0	Calculated
Lactose	0.1	4.0	1.8	§64 LFGB L01.00-17
Fat	< 2.5		0.5	§64 LFGB L 13.00-26
Saturated fatty acids	< 1.5		n.t.	ISO 15884/IDF182 und 15885/IDF 184
Salt	0.29		n.t.	DIN EN ISO 8070/IDF 119
Water	< 4.0		0.7	Calculated
Dry mass	> 96.0		99.3	§64 LFGB L02.09-4
Ashes	3.0	7.0	3.6	§64 LFGB L01.00-77
IgG	≥ 30.0		30.8	§64 LFGB L01.00.65
Antibiotics	negative		negative	BRT-Test

n.t. – not tested

¹ Admissible tolerance according to foodstuff law directives in the current valid version
* – component batches



Physical/Chemical Analysis:

pH	5.0
Color	yellowish
Bulk Density	0.54 g/ ml
Flavour	milky

Microbiology Analysis:

	Specification	Result
Cell-count	< 1,0 x 10 ⁵ cfu/g	< 100 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
Staphylococcus aureus*	< 10 cfu/g	< 1 cfu/ g
Listeria monocytogenes*	< 10 cfu/g	< 10 cfu/g
Salmonella	negative/ 25g	negative/ 25g

n.t. – not tested

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* – component batches

Biotaris B.V. Greveslag 23, 6662 VA Elst, The Netherlands ,
E: info@biotaris.com , www.biotaris.com