



## Certificate of Analysis

**Product:** *Bovine Colostrum – Powder, Premium Grade, freeze dried, non-organic*  
*Date of Expiry: two years after production, Place of origine: Germany*

**Description:** Bovine Colostrum – Whey Powder is a freeze dried Premilk Powder that contains a high level of free Amino Acids and Immunoglobulins. The powder is skimmed, de-caseinated, concentrated, micro-filtered, sterile filtered, freeze-dried, pasteurized

**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 Bovine Colostrum



### Composition:

Component	Specification <sup>1</sup>		Result [% (w/w)]	Test assay Reference
	Min.	Max.		
Protein (in dry mass)	80.0		88.0	§64 LFGB L 01.00-10/1 u. 10/2
Carbohydrates	11.0		10.9	Calculated
Lactose	0.1	6.0	4.1	§64 LFGB L 01.00-17
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	0.33		n.t.	DIN EN ISO 8070/IDF 119
Water	< 4.0		0.3	Calculated
Dry mass	> 96.0		99.7	§64 LFGB L02.09-4
Ashes	0.1	5.0	0.8	§64 LFGB L01.00.77
IgG (g/ 100 g)	≥ 60.0		65.1	§64 LFGB L01.00.65
Antibiotics	negative		negative	BRT-Test

n.t. – not tested

<sup>1</sup>permissible tolerances according to food regulations in the currently valid version



**Physical/Chemical Analysis:**

pH	4.7
Colour	yellowish
Bulk Density	0.50 g/ ml
Flavour	milky

**Microbiology Analysis:**

	Specification	Result
Cell-count	< 1,0 x 10 <sup>5</sup> cfu/g	< 100 cfu/g
Yeast and Mildew	< 1,0 x 10 <sup>2</sup> cfu/g	< 10 cfu/g
E-Coli	< 10 cfu/g	< 10 cfu/g
Enterobacteriaceae	< 10 cfu/g	< 10 cfu/g
Listeria monocytogenes	< 10 cfu/g	< 10 cfu/g
Salmonella	negative/ 25g	negative/ 25g

n.t. – not tested

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