

## Certificate of Analysis



### Bovine Colostrum 35% IgG

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

**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, nonpasteurized, micro-filtered, sterile filtered, 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



#### Composition:

Component	Specification Min.   Max.	Result [% (w/w)]	Test assay Reference
Protein (in dry mass)	55.0	79.3	\$64 LFGB L01.00-10/1 u. 10/2
Carbohydrates	39.0	26.3	Calculated
Lactose	20.0   40.0	19.1	\$64 LFGB L01.00-17
Fat	> 96.0	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	0.5	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

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### Physical/Chemical Analysis:

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

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

### Microbiology Analysis:

	Specification	Result
Cell-count	< 1,0 x 10 <sup>5</sup> cfu/g	2,3 x 10 <sup>3</sup> 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	< 1,0 x 10 <sup>2</sup> cfu/g	< 10 cfu/g
Salmonella	negative/ 25g	negative/ 25g



n.t. - not tested

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