

Certificate of Analysis

Colostrum Extract Liquid



Product: Bovine Colostrum liquid, sterile filtered, -non-organic

Date of Expiry: two years after production

Description: Bovine Colostrum liquid is a Premilk extract that contains a high level of free Amino Acids and Immunoglobulins. **Processing:** skimmed, de-caseinated, micro-filtered, sterile filtered

Product Characteristics:

- Appearance: yellow, clear
- Free from inhibitory additives
- Very low fat content (less than 1%)
- High in vitamins and minerals
- 1st and 2nd milking only
- 100 % pure colostrum



Composition:

Component	Specification Min. Max.	Result [% (w/w)]	Test assay Reference
Protein	2.5 6.5	5.0	§ 64 LFGB, L01.00-10/1 u. 10/2
Carbohydrates	0.1 4.1	2.8	Calculated
Sugar	0.1 3.5	n.t.	Calculated, VO (EU) Nr. 1169/2011
Lactose	0.1 3.5	2.6	§ 64 LFGB, L01.00-17
Fat	< 0.1	0.0	Method according to Gerber
Saturated fatty acids	< 0.1	n.t.	DGF C-VI 10a/11d, GC-FID
Salt	0.1 1.2	n.t.	Calculated, VO (EU) Nr. 1169/2011
Water	> 91.0	91.8	Calculated
Dry mass	< 9.0	8.2	§64 LFGB L01.00.27
Ashes	0.2 1.0	0.4	§ 64 LFGB, L01.00-77
IgG	> 2.5 g/ 100 ml	3.1	Turbidimetric Immunoassay Midland
Antibiotics	negative	negative	BRT-Test

n.t. - not tested

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Physical/Chemical Analysis:

pH	4.8
Colour	yellowish
Density	1.028 g/ ml
Flavour	milky

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

Microbiology Analysis:

	Specification	Result
Sterile Test: • Bacillus subtilis • Candida albicans • Pseudomonas aerogenosa • Staphylococcus aureus • Aspergillus brasiliensis • E.coli	sterile	sterile
Total cell count	≤ 15 cfu/ml	< 15 cfu/ml
Yeast and Mildew	≤ 10 cfu/ml	< 10 cfu/ml



n.t. - not tested