

## Certificate of Analysis



### Bovine Colostrum 60% IgG

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

**Date of Expiry:** two years after production, **Place of origin:** 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, decaseinated, concentrated, micro-filtered, sterile filtered, freeze-dried, pasteurized

#### 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<br>Min.   Max. | Result [% (w/w)] | Test assay Reference               |
|-----------------------|------------------------------|------------------|------------------------------------|
| 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

## Certificate of Analysis

Bovine Colostrum 60% IgG



### Physical/Chemical Analysis:

|              |            |
|--------------|------------|
| Colour       | yellowish  |
| Bulk Density | 0.50 g/ ml |
| Flavour      | milky      |
| 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 | < 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

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