

## Certificate of Analysis

DE  
 BY 70738  
 EG

### Lactose free Colostrum – Powder, MP 60

**Product:** Lactose free Colostrum – Powder, MP 60, pasteurized, freeze dried, non-organic.

**Date of Expiry:** 2 years after production.

**Description:** Colostrum – Powder is a freeze dried Premilk Powder that contains a high level of free Amino Acids and Immunoglobulins.

**Processing:** skimmed, pasteurized, nano-filtered

#### Product Characteristics:

- Appearance: yellow
- Free from inhibitory additives
- 100% pure colostrums from cow

#### Composition:

Component	Specification Min   Max	Result [% (w/w)]	Test assay Reference
Protein	95.0	96.6	§ 64 LFGB, L01.00-10/1 u. 10/2
Carbohydrates*	<0.5	1.4	Calculated VO (EU) Nr. 1169/2011
Sugar	<0.5	n.t	Calculated VO (EU) Nr. 1169/2011
Fat	≤ 0.5	0.0	§ 64 LFGB, L02.07-15
Water	< 4.0	0.7	Calculated
Dry mass	> 96.0	99.3	§64 LFGB L01.00.27
Ashes	0.1   5.0	1.3	§64 LFGB L01.00.77
IgG	60.0	61.0	Nephelometer Siemens Atellica Aneph 630
Antibiotics	negative	negative	BRT-Test
Lactose	<0.1	<0.03	§64 LFGB L01.00-90

	Result
pH	6.8
Colour	yellowish
Bulk Density	0,48 g/ ml



<sup>1</sup> permissible tolerance according to standard market values ± 10%

\*out of spec – no negative impairment

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### Microbiology Analysis:

	Specification	Result [% (w/w)]
Cell-count	< 5.0 x 10 <sup>3</sup> cfu/g	4.0x10 <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
Salmonella	Negative in 25g	Negative in 25g
Listeria monocytogenes	Negative in 25g	Negative in 25g



22000



n.t. - not tested

1out of spec - no negative impairment