

Certificate of Analysis

DE
BY 70738
EG

Lactoferrin liquid

Product: Lactoferrin liquid 125ml, sterile filtered, with wildberry flavor

Date of Expiry: Two years after production.

Component	Specification	Result [% (w/w)]	Test assay Reference
Protein	3.5	4.21	\$64 LFGB L01.00-10/1 u 10/2
Carbohydrates	<0.5	<0.5	Calculated
Sugar	<0.5	<0.5	HPLC-RID
Fat	< 0.5	<0.5	Method according to Gerber
Saturated fatty acids	< 0.5	n.t.	n.t.
Salt	0.1	n.t.	Calculated, VO (EU) Nr. 1169/2011
Water	96 -97	95.81	Calculated
Dry mass	3.0 -4.0	4.21	\$64 LFGB L01.00.27
Ashes	<0.1	n.t.	\$64 LFGB L01.00-77



pH	6.88
Colour	red
Density	1.0114 g/ ml
Flavour	Wild berry
Lactose (<0.1)	<0.1
Iron	0.15 g /100ml
Lactoferrin purity	97.05
Lactoferrin (%)	4,13

n.t. - not tested

1out of spec - no negative impairment

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Microbiology Analysis:

Component	Specification	Result [% (w/w)]
Sterile Test - Bacillus subtilis - Candida albicans - Pseudomonas aerogenosa - Staphylococcus aureus - Aspergillus brasiliensis - E.coli	sterile	sterile
Koagulase positv staphylococcus	<10cfu /g	<10cfu /g
Salmonella spp.	Negative / 25g	Negative / 25g
Listeria monocytogenes	Negative / 25g	Negative / 25g



22000



n.t. - not tested

1out of spec - no negative impairment