



CERTIFICATE OF ANALYSIS

Product : **CASEIN HYDROLYSATE**
 Product number : C1301
 Batch number : 016018
 Date of production : 03-06-2020
 Date of analysis : 25-06-2020
 Date of expiry : 30-06-2025

Packaging and storage : in a well closed container, in dry conditions at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Description	white powder	complies		
Solubility	Complete	complies		5% in H ₂ O
pH	6.5 – 7.5	7.2		5% in H ₂ O
Loss on drying	≤ 6.0	2.6	%	
Total nitrogen (TN)	12.5 – 13.5	13.4	%	
Amino nitrogen (AN)	3.0 – 4.0	3.5	%	
(AN/TN) x 100	22 – 32	26		
Residue on ignition	≤ 17.0	13.1	%	
Chloride (NaCl)	≤ 6.0	4.3	%	
Microbiology:				
- Total aerobic microbial count	≤ 10000	10	/g	
- Staphylococcus aureus	absence	complies	/10 g	
- Coliform count	≤ 10	complies	cfu/g	
- Escherichia coli	absence	complies	/10 g	
- Salmonella	absence	complies	/25 g	
- Moulds and yeasts	≤ 20	complies	cfu/g	

This is to certify that above mentioned product is manufactured without the use of raw materials of origin with TSE/BSE-risk. The used raw material is milk from healthy animals in the same conditions as milk collected for human consumption. It is therefore not likely to be concerned by the BSE/TSE issue.

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 19-02-2021

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.