

## CERTIFICATE OF ANALYSIS

Product : **CASEIN HYDROLYSATE**  
Product number : C1301  
Batch number : 010503  
Quality : Food Chemical Codex, FCC  
Date of production : xx-02-2014  
Date of analysis : 18-03-2014  
Date of expiry : 28-02-2019

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Description	white powder	complies		
Solubility	Soluble in water	complies		5% in H <sub>2</sub> O
pH	6.5 – 7.5	7.0		5% in H <sub>2</sub> O
Loss on drying	≤ 6.0	1.3	%	
Total nitrogen (TN)	12.5 – 13.5	13.4	%	
Amino nitrogen (AN)	3.0 – 4.0	3.4	%	
(AN/TN) x 100	22 – 32	25		
Residue on ignition	≤ 17	11.8	%	
Chloride (NaCl)	≤ 6.0	5.0	%	
Microbiology:				
- Total aerobic microbial count	≤ 10000	complies	cfu/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. D.Blok, pharmacist  
Department of Quality Control Duchefa B.V.

Date: 19-06-2014



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