

CERTIFICATE OF ANALYSIS

Product : **CASEIN HYDROLYSATE**
Product number : C1301
Batch number : 011345
Date of production : 31-05-2015
Date of analysis : 31-05-2015
Date of expiry : 31-05-2020

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 | 1.0 | % | |
| Total nitrogen (TN) | 12.5 – 13.5 | 13.4 | % | |
| Amino nitrogen (AN) | 3.0 – 4.0 | 3.3 | % | |
| (AN/TN) x 100 | 22 – 32 | 25 | | |
| Residue on ignition | ≤ 17 | 14.4 | % | |
| Chloride (NaCl) | ≤ 6.0 | 5.1 | % | |
| Microbiology: | | | | |
| - Total aerobic microbial count | ≤ 10000 | 1200 | 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 | absence | complies | cfu/20g | |

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: 19-06-2015



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