

**CERTIFICATE OF ANALYSIS**

PRODUCT NAME: Casamino Acids  
 BATCH NO. 17/MFM/1991  
 MANUFACTURING DATE: February 2017  
 EXPIRY DATE: February 2022

TESTS	SPECS	RESULTS
Appearance	Beige Powder	Pass
Solubility in Water (5% soln)	Complete	Pass
pH (5% soln)	4.5 – 6.0	5.0
Loss on Drying	Max 6.0%	2.2%
Total Nitrogen TN	7.0 – 8.0%	7.9%
Alpha-amino Nitrogen AN	4.5 – 6.5%	6.1%
AN/TN x 100	56 - 93	77
Chlorides (NaCl)	Max 45.0%	39.0%
Total aerobic microbial count	Max 10 000 /g	30 /g

- The milk casein used for manufacturing the batch of this product is of bovine origin.
- The casein is sourced in New-Zealand and come from herds free from Bovine Spongiform Encephalopathy and foot-and-mouth disease after examination by the Veterinary Authorities

\* This material is supplied for laboratory use only.

Supplier: Formedium Ltd

Approved by: 

Date: 03 Oct 2017

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 (Authorised Signature)