

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Casamino Acids  
 CAS Number: 65072-00-6  
 BATCH NO. 25/MFM/3202  
 MANUFACTURING DATE: 31<sup>st</sup> July 2024  
 EXPIRY DATE: 31<sup>st</sup> July 2029

TESTS	SPECS	RESULTS
Appearance	Beige Powder	Pass
Solubility in Water (5% solution)	Complete	Pass
pH (5% solution)	4.7 – 5.7	5.0
Loss on Drying	Maximum 6.0%	4.4 %
Total Nitrogen TN	7.0 – 8.5%	7.3 %
Alpha-amino Nitrogen AN	5.0 – 6.5%	6.0 %
AN/TN x 100	56 - 93	82
Chlorides (NaCl)	Maximum 45.0%	40 %
Total aerobic microbial count	Maximum 5 000 /g	1 500 /g

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

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28<sup>th</sup> August 2025