

CERTIFICATE OF ANALYSIS

Product Name: Beta Alanine
Manufacture Date: 14th November 2021
Batch Number: C22111144K2
Amount: 500kg Reference

Packaging: 25kg net Drums
Testing Date: 19th November 2021
Re-Test Date: 13th November 2023
Standard: AJI97

Item	Specification	Test Result	Testing Method
Appearance	White crystals or crystalline powder	Conforms	
State of Solution (transmittance)	≥ 95%	99.0%	
Melting Point	197° ~ 202°C	197.1° ~ 198.0°C	
Loss on drying	≤ 0.20%	0.06%	
Residue on ignition	≤ 0.20%	0.07%	
Assay	98.0 ~ 101.0%	99.5%	
pH	6.5 ~ 7.5	7.30	
Iron	≤ 30ppm	Conforms	
Heavy Metals	≤ 10ppm	Conforms	
Chloride	≤ 0.04%	Conforms	
Sulphate	≤ 0.048%	Conforms	
Ammonium	≤ 0.02%	Conforms	
Arsenic	≤ 1ppm	< 1ppm	
Lead	≤ 1ppm	< 1ppm	
Cadmium	≤ 1ppm	< 1ppm	
Mercury	≤ 0.1ppm	< 0.1ppm	
Total Plate Count	≤ 1000cfu/g	< 10cfu/g	
Yeast and Mould	≤ 100cfu/g	< 10cfu/g	
E.Coli	≤ 10cfu/g	< 10cfu/g	
Salmonella	Negative in 25g	Negative	
Staphylococcus Aureus	Negative in 25g	Negative	

Conclusion:	Conforms to the requirements of AJI97 standard
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Remarks: Test results above are just for reference. As for specific, the sample shall be taken as standards.