

CERTIFICATE OF ANALYSIS

Product Name: Beta Alanine
Manufacture Date: 18th Nov. 2021
Batch Number: 21111801
Amount: 300kg

Packaging: 25kg net Drums
Testing Date: 18th Nov. 2021
Re-Test Date: 17th Nov. 2023
Reference Standard: AJI92

Item	Specification	Test Result	Testing Method
Appearance	White crystals or crystalline powder	Conforms	Visual
State of Solution (transmittance)	≥ 95%	99.6%	AJI Test 2
Melting Point	197° ~ 202°C	197.6° ~ 198.4°C	AJI Test 36
Loss on drying	≤ 0.20%	0.06%	AJI Test 11
Residue on ignition	≤ 0.20%	0.07%	AJI Test 13
Assay	98.0 ~ 101.0%	99.8%	AJI Test 14
pH	6.5 ~ 7.5	6.6	AJI Test 33
Iron	≤ 30ppm	Conforms	AJI Test 6
Heavy Metals	≤ 10ppm	Conforms	AJI Test 7
Chloride	≤ 0.04%	Conforms	AJI Test 3
Sulphate	≤ 0.048%	Conforms	AJI Test 5
Ammonium	≤ 0.02%	Conforms	AJI Test 4
Arsenic	≤ 2ppm	< 2ppm	AJI Test 8
Lead	≤ 1ppm	< 1ppm	
Cadmium	≤ 1ppm	< 1ppm	
Mercury	≤ 0.1ppm	< 0.1ppm	
Total Plate Count	≤ 1000cfu/g	< 10cfu/g	GB4789.2-2016
Yeast and Mould	≤ 100cfu/g	< 10cfu/g	GB4789.15-2016
E.Coli	≤ 10cfu/g	< 10cfu/g	GB4789.38-2012
Salmonella	Negative in 25g	Negative	GB4789.4-2016
Staphylococcus Aureus	Negative in 25g	Negative	GB4789.10-2016
Conclusion:	Conforms to the requirements of AJI97 standard		