

Certificate of Analysis

Product Name: BETA ALANINE

Quantity: 1050KGS

Manufacture Date: 2019.09.26

Report Date: 2019.09.27

Batch No.: C21909261B2

Re-Test Date: 2021.09.25

Item	Specification	Result
Appearance	White crystalline powder	Conforms
Transmittance	Not less than 95.0%	99.30%
Assay	98.0% to 101.0%	99.10%
Chloride (Cl)	Not more than 0.02%	<0.02%
Ammonium (NH ₄)	Not more than 0.02%	<0.02%
Sulfate (SO ₄)	Not more than 0.02%	<0.02%
Residue on ignition	Not more than 0.20%	0.08%
Loss on drying		0.15%
pH (pH Value)	6.5 to 7.5	7.09
Iron (Fe)	Not more than 30ppm	Conforms
Heavy metals	Not more than 10ppm	Conforms
Lead	Not more than 3ppm	Conforms
Arsenic (as As ₂ O ₃)	Not more than 1ppm	Conforms
Cadmium	Not more than 1ppm	Conforms
Mercury	Not more than 0.1ppm	Conforms
Melting point	197°C-202°C	Conforms
Other amino acid	Not detectable	Conforms
Total Plate Count	Not more than 1000cfu/g	<50cfu/g
Yeast and Moulds	Not more than 100cfu/g	Conforms
E.coli	Negative	Negative
Salmonella	Negative	Negative
Coliforms	Negative	
S.aureus	Negative	Negative
Conclusion :	The products Conforms to AJI97	