

Certificate of Analysis

Product Name: BETA-ALANINE

Manufacture Date: 2017.10.24

Batch No.: 20171024

Quantity: 1000KGS

Report Date: 2017.10.29

Expiry Date: 2019.10.23

Item	Specification	Result
Appearance	White crystalline powder	Conforms
Transmittance	Not less than 95.0%	98.30%
Assay	98.0% to 101.0%	99.40%
Chloride (Cl)	Not more than 0.02%	Conforms
Ammonium (NH ₄)	Not more than 0.02%	Conforms
Sulfate(SO ₄)	Not more than 0.02%	Conforms
Residue on ignition	Not more than 0.20%	0.13%
Loss on drying	Not more than 0.30%	0.10%
PH	6.5 to 7.5	7.24
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	Chromato graphically not detectable	Conforms
Total Plate Count	Not more than 1000cfu/g	Conforms
Yeast and Molds	Not more than 10cfu/g	Conforms
E.coli	Negative	Negative
Salmonella	Negative	Negative
Coliforms	Negative	Negative
S.aureus	Negative	Negative
Conclusion :	The products Conforms to AJI97	