

# CERTIFICATION OF ANALYSIS

Product Name: Beta-Alanine

Manufacture Date: 2022.02.21

Batch No.: 20220221

Quantity: 1000KGS

Report Date: 2022.02.22

Expiry Date: 2024.02.20

Item	Specification	Result
Appearance	White or almost white powders	Conforms
Identification	Positive	Compiles
Transmittance	Not less than 95.0%	99.4%
Chloride (Cl)	Not more than 0.02%	Conforms
Ammonium (NH <sub>4</sub> )	Not more than 0.02%	Conforms
Sulfate(SO <sub>4</sub> )	Not more than 0.02%	Conforms
Iron(Fe)	Not more than 20ppm	Conforms
Heavy metals	Not more than 10ppm	Conforms
Pb	Not more than 3ppm	Conforms
Arsenic(as As <sub>2</sub> O <sub>3</sub> )	Not more than 1ppm	Conforms
Hg	Not more than 0.1ppm	Conforms
Cd	Not more than 1ppm	Conforms
Loss on drying	Not more than 0.30%	0.14%
Residue on ignition	Not more than 0.20%	0.08%
Assay	Not less than 98.0%	99.5%
PH	6.5 to 7.5	6.7
Other amino acids	Chromatographically not detectable	Conforms
Total Plate Count	Not more than 1000cfu/g	Conforms
E.coli	Negative	Negative
Salmonella	Negative	Negative
Coliforms	Negative	Negative
S.aureus	Negative	Negative
Conclusion :	The products Conforms to AJI92	