

CERTIFICATE OF ANALYSIS

Product Name	Betaine Anhydrous	Batch Number	090009251016
CAS Number	107-43-7	Manufacture Date	Oct.16,2025
Standard	USP40	Best Used Before	Oct.15,2027

Items	Specifications	Results	Method
Appearance	White granule	Conform	Visual
Infrared Spectrum	Passes Test	Conform	FT-IR
Assay (on a dry basis)	≥99.0%	99.75%	Titration
Water	≤2.0%	0.24%	Drying(105°C,3h)
pH (10% solution)	5.0-7.0	5.58	Ph meter
Color	≤20	1.7	FCC
Sulfate	≤0.01%	Conform	Colorimetric
Residue on Ignition	≤0.1%	0.03%	Electric furnace(550°C)
Heavy Metals	≤10ppm	Conform	Colorimetric
Lead	≤1ppm	Conform	ICP
Arsenic	≤1ppm	Conform	ICP
Cadmium	≤0.2ppm	Conform	ICP
Mercury	≤0.1ppm	Conform	ICP
Total Plate Count	≤1,000CFU/g	Conform	Viable plate count
Yeast and Mold	≤100CFU/g	Conform	Viable plate count
E.coli	Negative/10g	Conform	USP<62>
Salmonella	Negative/25g	Conform	USP<62>
Staphylococcus	Negative/10g	Conform	USP<62>
Bulk Density	0.6-0.8g/ml	0.67g/ml	USP<616>
Particle Size	100% Thru 20 mesh	100%	Sieving

Conclusion: Qualified.

Net weight: 25.0kgs/bag

Gross weight: 27.5Kgs±0.5kg/drum

24 months under 30°C in a well-closed container and away from moisture, light, oxygen.

Packed in paper drum or carton with two plastic bags inside.