

## TECHNICAL DATA SHEET

Product code            090039  
 Product                    Betaine Hydrochloride  
 Specification            98.0-100.5%  
 CAS Number              590-46-5  
 Standard                 USP40

Items	Specifications	Methods
Appearance	White crystalline granular	Visual
Assay (on a dry basis)	98.0-100.5%	USP<541>
Loss on drying	≤0.5%	USP<731>
pH (1 in 4 solution)	0.8-1.2	USP<791>
Residue on ignition	≤0.1%	USP<281>
Heavy metals	≤10ppm	USP<231>
Lead	≤1ppm	USP<730>
Arsenic	≤1ppm	USP<730>
Mercury	≤0.2ppm	USP<730>
Cadmium	≤0.2ppm	USP<730>
Total plate count	≤1000cfu/g	USP<61>
Yeast and mold	≤100cfu/g	USP<61>
E.coli	Negative/10g	USP<62>
Salmonella	Negative/25g	USP<62>
Staphylococcus	Negative/10g	USP<62>
Particle size	Thru20 mesh	USP<786>

Net weight: 25kgs/Drum

Gross weight: 27.5Kgs±0.5kg/Drum

Packing size: Drum.I.D.35×H51cm

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