

# QUALITY SPECIFICATION

## Betaine anhydrous

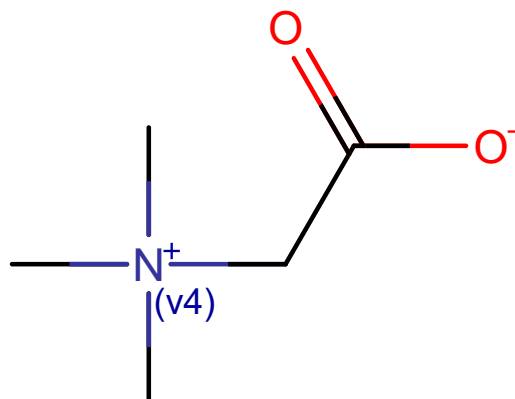
Catalog No.: NST-10-210

CAS No.: 107-43-7

Molecular formula: C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>

MW: 117.15

Shelf life: 2 years



No.	Parameter	Specification	Method
1.	Appearance	Powder	Visual
2.	Color	White	Visual
3.	Assay	≥98.0%	HPLC
4.	Identification	Complies with standard	TLC&NMR
5.	pH	5.0-7.0	USP <791>
6.	Loss on drying	≤5.0 %	USP <731>
7.	Residue on ignition	≤2.0 %	USP <281>
8.	Heavy metals	≤10 ppm	ICP-MS

Storage: Store in a cool & dry place, keep away from strong light and heat

Stability: 24 months when properly stored