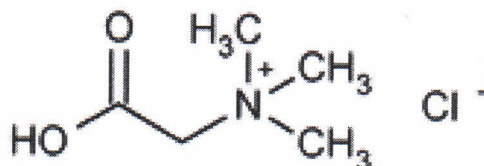




Batch no 170230203  
Mf date Feb 10 2023  
Retest Feb 09 2025  
Batch size 1500 kg

Molecular Structure



Molecular Formula  $C_5H_{11}NO_2 \cdot HCl$   
Molecular Weight 153.61  
CAS Registry Number 590-46-5

Mar 27 2023

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White crystalline powder	Conforms
Identification	IR, Chloride test	Positive
pH (1 in 4)	0.8 ~ 1.2	0.9
Water	≤ 0.5%	0.24%
Residue on ignition	≤ 0.1%	0.07%
Heavy metals	≤ 10 ppm	< 10 ppm
Arsenic (As)	≤ 2 ppm	< 2 ppm
Lead (Pb)	≤ 0.3 ppm	< 0.3 ppm
Mercury (Hg)	≤ 0.1 ppm	< 0.1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Microbiological		
Total plate counts	≤ 500 cfu/gr	< 500 cfu/gr
Yeasts & molds	≤ 100 cfu/gr	< 100 cfu/gr
E. Coli	Negative/25 gr	Negative
Salmonella	Negative/25 gr	Negative
Staphylococcus aureus	Negative/25 gr	Negative
Particle size	100% through 20 mesh	Conforms
Assay (oab)	99.0 ~ 100.5% of $C_5H_{11}NO_2 \cdot HCl$	99.3%

Packaging & storage	Preserve in tight and light-resistant containers. Store at room temperature
Conclusion	Material complies with USP40

