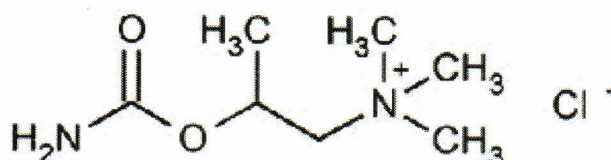


Batch no 260201
Mf date Feb 07 2026
Retest Feb 06 2031
Batch size 100 kg

Molecular Structure



Molecular Formula $C_7H_{17}ClN_2O_2$
Molecular Weight 196.68
CAS Registry Number 590-63-6

Apr 27 2026

Tests	Specifications	Results
Appearance	White crystalline powder, hygroscopic	Conforms
Solubility	Freely soluble in water; soluble in ethanol (95%), practically insoluble in ether and in chloroform.	Conforms
Identification	A, B, C, D	Positive
pH	5.5 ~ 6.5	6.0
Loss on drying	≤ 1.0%	0.4%
Residue on ignition	≤ 0.1%	0.05%
Heavy metals	≤ 0.001%	< 0.001%
Related substances	2-Hydroxypropyltrimethyl ammonium ≤ 1.0%	0.6%
	Any other impurity ≤ 0.1%	0.04%
	Sum of all the impurities ≤ 1.5%	0.4%
Chloride content	17.7 ~ 18.3%	18.0%
Residual solvent	Ethanol ≤ 0.5%	0.06%
Assay (odb)	98.0 ~ 101.5% of $C_7H_{17}ClN_2O_2$	99.9%

Packaging & storage	Preserve in tight containers
Conclusion	Material complies with USP43