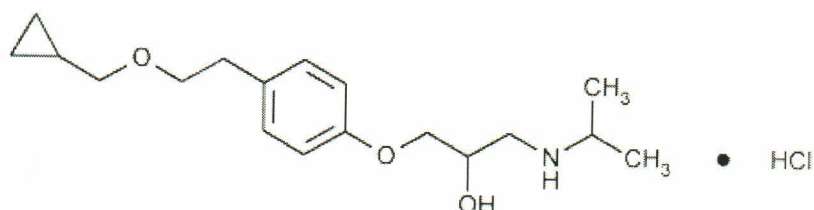


Batch no 260405
Mf date Apr 05 2026
Retest Apr 04 2028

Molecular Structure



Molecular Formula $C_{18}H_{29}NO_3 \cdot HCl$
Molecular Weight 343.89
CAS Registry Number 63659-19-8

Jul 14 2026

Tests	Specifications	Results
Appearance	A white or almost white crystalline powder	A white powder
Identification	IR, Chloride test	Positive
Loss on drying	$\leq 1.0\%$	0.21%
Residue on ignition	$\leq 0.1\%$	0.12%
pH	4.5 ~ 6.5	5.6
Heavy metals	≤ 20 ppm	Conforms
Residual solvents	Ethanol $\leq 0.5\%$ Ethyl acetate $\leq 0.09\%$ Toluene $\leq 0.089\%$ Ether $\leq 0.5\%$	Conforms Conforms Conforms Conforms
Related substances	$\leq 1.0\%$	0.69%
Assay (HPLC) odb	98.0 ~ 102.0% of $C_{18}H_{29}NO_3 \cdot HCl$	99.4%

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

