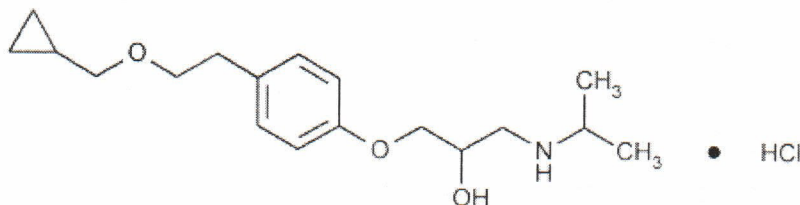


Batch no 241205
Mf date Dec 05 2024
Retest Dec 04 2026

Molecular Structure



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

Mar 21 2025

Tests	Specifications	Results
Appearance	A white or almost white crystalline powder	A white powder
Identification	IR, Chloride test	Positive
Loss on drying	$\leq 1.0\%$	0.19%
Residue on ignition	$\leq 0.1\%$	0.13%
pH	4.5 ~ 6.5	5.6
Heavy metals	≤ 20 ppm	Conforms
Residual solvents	Ethanol $\leq 0.5\%$	Conforms
	Ethyl acetate $\leq 0.09\%$	Conforms
	Toluene $\leq 0.089\%$	Conforms
	Ether $\leq 0.5\%$	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