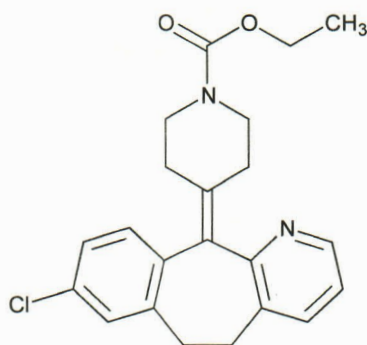


Loratadine USP39

Batch no 26091601
Mf date Sep 17 2026
Exp date Sep 16 2029

Molecular Structure



Molecular Formula $C_{22}H_{23}ClN_2O_2$
Molecular Weight 382.88
CAS Registry Number 79794-75-5

Sep 29 2026

Tests	Specifications	Results
Appearance	White to off-white powder	Conforms
Solubility	Freely soluble in acetone, in chloroform, in methanol & in toluene; insoluble in water	Conforms
Identification	IR, RRT	Positive
Residue on ignition	$\leq 0.1\%$	0.05%
Heavy metals	≤ 10 ppm	< 10 ppm
Related substances	Fluoroloratadine $\leq 0.2\%$	ND
	Unspecified impurities $\leq 0.1\%$	0.01%
	Total impurities $\leq 0.3\%$	0.05%
Loss on drying	$\leq 0.5\%$	0.16%
Microbial enumeration	Total aerobic microbial counts ≤ 1000 cfu/gr	< 10 cfu/gr
	Total molds & yeasts counts ≤ 100 cfu/gr	< 10 cfu/gr
Assay	98.5 ~ 101.0%	100.3%

Packaging and storage	Preserve in well-closed containers and store between 2 ~ 30°C
Conclusion	Material complies with USP39