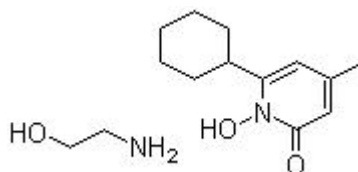


Ciclopirox Olamine USP38



Batch no 20260325
Mf date Mar 25 2026
Retest Mar 24 2029

Molecular Structure



Molecular Formula $C_{12}H_{17}NO_2 \cdot C_2H_7NO$
Molecular Weight 268.35
CAS Registry Number 41621-49-2

Jul 06 2026

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White crystalline powder	Conforms
Solubility	Very soluble in alcohol and in methylene chloride; slightly soluble in water; practically insoluble in cyclohexane	Conforms
Identification	IR	Positive
Residue on ignition	$\leq 0.1\%$	0.06%
Loss on drying	$\leq 1.5\%$	0.05%
pH	8.0 ~ 9.0	8.2
Heavy metals	≤ 10 ppm	Conforms
Related substances	Impurity A $\leq 0.5\%$	Conforms
	Any impurities $\leq 0.1\%$	Conforms
	Total impurities $\leq 0.5\%$	Conforms
Residual solvents	Dichloromethane < 600 ppm	Conforms
	Toluene < 890 ppm	Conforms
	Ethyl acetate < 5000 ppm	Conforms
Monoethanolamine content	223 ~ 230 mg/gr	223 mg/gr
Assay	97.5 ~ 101.5%	99.38%

Packaging and storage	Preserve in tight containers, protected from light. Store between 5 ~ 25°C
Conclusion	Material complies with USP38

