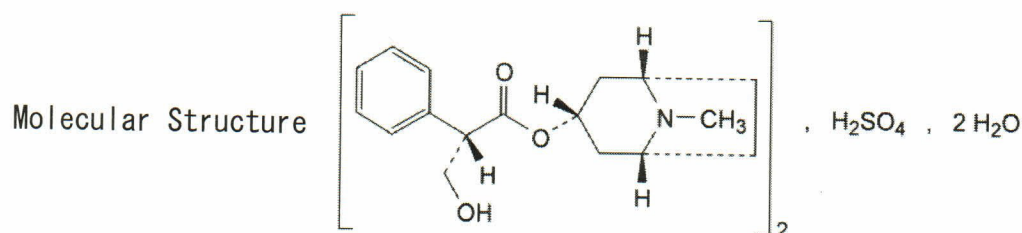


Batch no 20260301
Mf date Mar 06 2026
Retest Mar 05 2029



Molecular Formula C₃₄H₄₈N₂O₁₀S · 2H₂O

Molecular Weight 713

CAS Registry Number 620-61-1

May 21 2026

Tests	Specifications	Results
Appearance	White or almost white crystalline powder or colourless needles	Almost white crystalline powder
Identification	IR, RRT, reaction of sulphates	Positive
Melting range	187.0 ~ 194.0°C	188.4 ~ 193.4°C
pH	4.5 ~ 6.2	5.6
Specific optical rotation	-24 ~ -29°	-28.5°
Water	2.0 ~ 5.5%	3.1%
Residue on ignition	≤ 0.1%	0.04%
Chromatographic purity	DL-Tropic acid	≤ 0.2%
	7-Hydroxyhyoscyamine	≤ 0.2%
	6-Hydroxyhyoscyamine	≤ 0.2%
	Scopolamine	≤ 0.2%
	Norhyoscyamine	≤ 0.3%
	Apoatropine	≤ 0.2%
	Littorine	≤ 0.2%
	Any other individual impurity	≤ 0.1%
	Total impurities	≤ 0.5%
Residual solvents	Chloroform	< 60 ppm
	Ethyl ether	< 5000 ppm
	Ethanol	< 5000 ppm
Assay	98.5 ~ 100.5%	99.6%

Packaging & storage	Keep container tightly closed in a dry place
Conclusion	Material complies with USP40