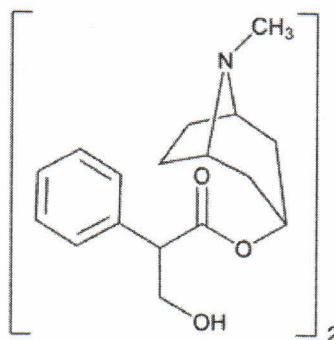


Batch no 20241101
Mf date Nov 05 2024
Expiry Nov 04 2027

Molecular Structure



Molecular Formula $(C_{17}H_{23}NO_3)_2 \cdot 2H_2SO_4 \cdot H_2O$
Molecular Weight 694.83
CAS Registry Number 5908-99-6

Apr 01 2025

Tests	Specifications	Results
Appearance	Crystalline powder or white granuler	White granular
Identification	IR, Sulfate test	Positive
Angular rotation	$-0.50 \sim +0.05^\circ$	$+0.01^\circ$
Water	$\leq 4.0\%$	1.8%
Residue on ignition	$\leq 0.2\%$	0.15%
Organic impurity	Tropic acid	$\leq 0.2\%$ ND
	7-Hydroxyhyoscyamine	$\leq 0.2\%$ ND
	Scopolamine	$\leq 0.2\%$ ND
	6-Hydroxyhyoscyamine	$\leq 0.2\%$ ND
	Hyoscyamine ralted compudnd A	$\leq 0.3\%$ ND
	Littorine	$\leq 0.2\%$ ND
	Apoatropine	$\leq 0.2\%$ ND
	Any individual unspecified impurity	$\leq 0.1\%$ 0.01%
	Total impurities	$\leq 0.5\%$ 0.03%
Assay	98.0 ~ 102.0%	98.8%

Packaging and storage	Preserve in tight containers
Conclusion	Material complies with USP43
Caution	Handle Atropine Sulfate with exceptional care, since it is highly potent /