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Certificate of Analysis

Catalogue Number	38172
Product	Promethazine hydrochloride
Lot Number	002197-220803
	10-[2-(Dimethylamino)propyl]phenothiazine hydrochloride
CAS Number	58-33-3
Molecular Formula	C ₁₇ H ₂₀ N ₂ S•HCl
Molecular Weight	320.88

Appearance	White to almost white solid, deteriorate in the air for a long time, showing blue
Appearance of Solution	Passes test
Solubility	Very soluble in water, soluble in ethanol or chloroform, and almost insoluble in acetone or ether.
Odor	Almost odorless
pH	4.6
Loss on Drying	0.15%
Residual Solvents	Acetone : 0.1%
Related Substances	0.7%
Residue On Ignition	0.06%
Assay	99.6% (On dried basis)
Storage	Store at 0 - 8 °C
Additional Information	Identification A, B, C, D : Passes test Absorption factor : 905
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager