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Product Specifications

Catalogue Number	31187
Product	Galanthamine hydrobromide from Lycoris sp. Galantamine hydrobromide from Lycoris sp.
CAS Number	1953-04-4
Molecular Formula	C ₁₇ H ₂₂ BrNO ₃
Molecular Weight	368.27

Appearance	White to almost white powder
Solubility	Soluble in 0.1N sodium hydroxide, sparingly soluble in water, very slightly soluble in alcohol, insoluble in n-propanol
Heavy Metals	≤ 20 ppm
Anion	Bromide Content : 20.6 - 22.8%
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5%
Residual Solvents	Toluene : ≤ 890 ppm Ethanol : ≤ 5000 ppm Tetrahydrofuran : ≤ 500 ppm
Related Substances	Other single impurity : ≤ 0.1% Total impurities : ≤ 1%
Residue On Ignition	≤ 0.1%
Assay (anhydrous basis)	98 - 102%
Storage	Store at ≤ - 10 °C
Additional Information	Test for bromide : Yellow ppt is formed, indicating the presence of bromide ions. (+) - Galanthamine : ≤ 0.01% N-Desmethylgalantamine : ≤ 0.2% ; Dihydrogalantamine : ≤ 0.35% Glanthamine N-Oxide : ≤ 0.2% ; 6S-Galantamine : ≤ 0.2% Didehydrodeoxygalantamine : ≤ 0.4% ; O-Desmethylgalanthamine : ≤ 0.2% Narwedine : < 0.15%

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For Laboratory Use Only