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Certificate of Analysis

Catalogue Number	37560
Product	Amitriptyline hydrochloride
Lot Number	001006-2111093
CAS Number	549-18-8
Molecular Formula	C ₂₀ H ₂₃ N•HCl
Molecular Weight	313.87

Appearance	White crystalline powder
Solubility	Passes test
Odor	Odorless
Anion	Chloride content : 11.2%
pH	5.54
Infrared Spectrum	Conforms to structure
Loss on Drying	0.27%
Residual Solvents	Methanol : 171 ppm Acetone : 24 ppm Tetrahydrofuran : < 500 ppm Toluene : < 99 ppm
Related Substances	Amitriptyline related compound A : < 0.05% Amitriptyline related compound B : < 0.15% Nortriptyline : < 0.15% Cyclobenzaprine : < 0.15% Any individual unspecified impurity : 0.10% Total impurities : < 1%
Residue On Ignition	0.05%
Assay	99.6% (Assay by HPLC on dried basis)
Grade	USP
Storage	Store at 2 - 8 °C
Additional Information	Identifications : Passes test

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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