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Certificate of Analysis

Catalogue Number	38009
Lot Number	003483-091-23
Product	Levocetirizine dihydrochloride 2-[2-[4-[(R)-(4-Chlorophenyl)phenylmethyl]piperazin-1-yl]ethoxy]
CAS Number	130018-87-0
Molecular Formula	C ₂₁ H ₂₅ ClN ₂ O ₃ ·2HCl
Molecular Weight	461.81

Appearance	White powder
Solubility	Freely soluble in water, soluble in ethanol 95% and in methanol, it dissolves in dilute solution of alkali hydroxides
Heavy Metals	< 20 ppm
Optical Rotation	[α] _D ²⁰ = 12.4 ° (C=1 in water at 365 nm) (On dried basis)
Infrared Spectrum	Conforms to structure
UV Ratios	As absorption maximum at about 230 nm.
Loss on Drying	0.40% (1 g by drying in an oven at pressure not exceeding 0.7 kpa)
Related Substances	Any individual impurity : 0.15% Total impurities : 0.24%
Sulfated Ash	0.08%
Assay	99.5% (On dried basis)
Other Enantiomer	1.59%
Chiral Purity	98.41% (ee)
Storage	Store at 2 - 8 °C

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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