

CERTIFICATE OF ANALYSIS

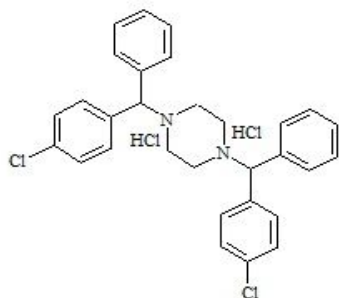
Reference Substance

Date

Cetirizine Impurity D

Batch No.:

IUPAC Name: 4-bis[(4-Chlorophenyl)phenylmethyl]piperazine dihydrochloride.

Molecular Formula: C₃₀H₂₈Cl₂N₂ · 2 HCl

Molecular weight: 487.48 + 2 × 36.46 g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	Off White solid	-----
2	Purity by HPLC	98.34%	Chromatogram attached
3	Mass	Conform	Report attached
4	NMR	Conform	Report attached

Storage condition: Store at 2-8°C, protect from direct sunlight and moisture.**Shipment date:**

This certificate of analysis is valid for two years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:**Retest date:****Document data reference:***Prepared by**Reviewed by**Approved by*