

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	37879
Lot Number	003437-22004
Product	Fexofenadine hydrochloride Terfenidine carboxylate hydrochloride
CAS Number	153439-40-8
Molecular Formula	C ₃₂ H ₃₉ NO ₄ ·HCl
Molecular Weight	538.13

Appearance	White color powder
Solubility	Freely soluble in methanol, very slightly to slightly soluble in water, very slightly soluble in acetone
Density	0.42 g/mL (Tapped)
Anion	Chloride (Cl) : 6.58% (On anhydrous basis)
Water Content (Karl Fisher)	0.18%
Mesh Size	> 95% Passes through 60 mesh 100% retain on 170 mesh
Related Substances	Limit of fexofenadine compound B : 0.01% Fexofenadine compound A : 0.05% Decarboxylated degradant : 0.06% Any other individual, unidentified impurity : 0.05% Total impurities : 0.35%
Residue On Ignition	0.07%
Purity by HPLC	100.50% (On anhydrous basis)
Grade	Meets USP specification
Storage	Store at ≤ - 4 °C
Additional Information	Identification : Infrared spectrum : Conforms to structure Test for B : Passes test Test for C : 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