

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	37987
Lot Number	003454-23003
Product	Loperamide hydrochloride 4-(p-Chlorophenyl)-4-hydroxy-N,N-dimethyl- α,α -diphenyl-1-
CAS Number	34552-83-5
Molecular Formula	C ₂₉ H ₃₃ ClN ₂ O ₂ •HCl
Molecular Weight	513.5

Appearance	White powder
Solubility	Slightly soluble in water, freely soluble in 96% Ethanol and Methanol
Infrared Spectrum	Conforms to structure
Loss on Drying	0.30%
Related Substances	Impurity A,B,E,F,G,H : Not detected Impurity C : 0.08% Impurity D : 0.09% Any other impurity : Not detected Total impurities : 0.17%
Sulfated Ash	0.06%
Assay by titration	99.36%
Storage	Store at 2 - 8 °C
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