

Item Number	L1137
Item	Loperamide Hydrochloride, USP
CAS Number	34552-83-5
Molecular Formula	C ₂₉ H ₃₃ ClN ₂ O ₂ •HCl
Molecular Weight	513.50
MDL Number	
Synonyms	4-(4-p-Chlorophenyl-4-hydroxypiperidino)-N,N-dimethyl-2,2-diphenylbutyramide Hydrochloride

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.0	102.0 %
CHROMATOGRAPHIC PURITY	SAMPLE CORRESPONDS TO STANDARD	
LOSS ON DRYING		0.5 %
ORGANIC IMPURITIES:		
Chlorophenylpiperidinol		0.2 %
Deschloroloperamide		0.2 %
Loperamide trans-N-oxide		0.2 %
Loperamide cis-N-oxide		0.2 %
Anhydroloperamide		0.2 %
Loperamide piperidinolamide		0.2 %
Loperamide Biphenyl Analog		0.2 %
Loperamide Quaternary Salt		0.2 %
ANY OTHER INDIVIDUAL IMPURITY		0.2 %
RESIDUE ON IGNITION		0.2 %
ELEMENTAL IMPURITIES		AS REPORTED
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	POSITIVE FOR CHLORIDE	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS		AS REPORTED

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