

Item Number	DE127
Item	Dexchlorpheniramine Maleate, USP
CAS Number	2438-32-6
Molecular Formula	C <sub>16</sub> H <sub>19</sub> ClN <sub>2</sub> •C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>
Molecular Weight	390.86
MDL Number	
Synonyms	(+)-Chlorpheniramine Maleate ; Dexchlorphenamine Maleate

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.0	102.0 %
SPECIFIC ROTATION [α] <sub>D25</sub>	+39.5 to +43.0°	
pH OF A 1% SOLUTION	4.0	5.0
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.2 %
ENANTIOMERIC PURITY		2 %
ORGANIC IMPURITIES		
PHENIRAMINE		0.4 %
ANY OTHER UNSPECIFIED IMPURITY		0.10 %
TOTAL IMPURITIES		1 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A ( FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIMES CORRESPOND TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

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