

Item Number	I1178
Item	Ipratropium Bromide, USP
CAS Number	66985-17-9
Molecular Formula	C ₂₀ H ₃₀ BrNO ₃ •H ₂ O
Molecular Weight	430.40
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (ANHYDROUS BASIS)	98.0	102.0 %
pH of 10 % SOLUTION	5.0	7.0
WATER DETERMINATION	3.9	4.4 %
RESIDUE ON IGNITION		0.1 %
ELEMENTAL IMPURITIES	AS REPORTED	
LIMIT OF IPRATROPIUM BROMIDE RELATED COMPOUND A		0.10 %
ORGANIC IMPURITIES:		
IPRATROPIUM RELATED COMPOUND C		0.10 %
IPRATROPIUM RELATED COMPOUND B		0.10 %
N-ISOPROPYLNORATROPINIUM BROMIDE		0.10 %
APO-IPRATROPIUM BROMIDE		0.10 %
ANY UNSPECIFIED IMPURITY		0.10 %
TOTAL IMPURITIES		0.25 %
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	POSITIVE FOR BROMIDE	
IDENTIFICATION (C)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

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