



## Specification for Dextromethorphan Hydrobromide, Monohydrate, USP (DE139)

Item Number	DE139
Item	Dextromethorphan Hydrobromide, Monohydrate, USP
CAS Number	6700-34-1
Molecular Formula	C <sub>18</sub> H <sub>25</sub> NO•HBr•H <sub>2</sub> O
Molecular Weight	370.32
MDL Number	
Synonyms	(9?,13?,14?)-Morphinan, 3-Methoxy-17-methyl-, Hydrobromide, Monohydrate

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	98.0	102.0 %
pH OF A 1 % SOLUTION @ 25°C	5.2	6.5
WATER DETERMINATION	3.5	5.5 %
RESIDUE ON IGNITION		0.1 %
N,N-DIMETHYLANILINE		0.001 %
PHENOLIC COMPOUNDS	NO BLUE-GREEN COLOR	
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)		0.10 %
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

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