



## Specification for Bupivacaine Hydrochloride, Monohydrate, USP (B1391)

Item Number	B1391
Item	Bupivacaine Hydrochloride, Monohydrate, USP
CAS Number	73360-54-0
Molecular Formula	$C_{18}H_{28}N_2O \cdot HCl \cdot H_2O$
Molecular Weight	342.90
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	98.5	101.5 %
pH OF A 1 IN 100 SOLUTION	4.5	6.0
WATER DETERMINATION	4.0	6.0 %
CHROMATOGRAPHIC PURITY:		
INDIVIDUAL IMPURITY		0.5 %
TOTAL IMPURITIES		2.0 %
RESIDUE ON IGNITION		0.1 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A ( FTIR )	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION B ( UV )		3.0 %
IDENTIFICATION (C)	POSITIVE FOR CHLORIDE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

### *Spectrum Chemical Mfg Corp*

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