

Item Number	QU110
Item	Quinine Sulfate, Dihydrate, USP
CAS Number	207671-44-1
Molecular Formula	$(C_{20}H_{24}N_2O_2)_2 \cdot H_2SO_4 \cdot 2H_2O$
Molecular Weight	782.94
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (ANHYDROUS BASIS)	99.0	101.0 %
SPECIFIC ROTATION	-235° to -245°	
WATER DETERMINATION	4.0	5.5 %
RESIDUE ON IGNITION		0.1 %
ORGANIC IMPURITIES	TO PASS TEST	
CHLOROFORM-ALCOHOL-INSOLUBLE SUBSTANCES		0.1 %
DIHYDROQUININE SULFATE		10.0 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A)	EXHIBITS FLUORESCENCE, FLUORESCENCE DISAPPEARS	
IDENTIFICATION (B)	Rf VALUE CORRESPONDS STANDARD	
IDENTIFICATION (C)	POSITIVE FOR SULFATE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

***Spectrum Chemical Mfg Corp***

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