

Item Number	C1408
Item	Cocaine Hydrochloride (CII), USP
CAS Number	53-21-4
Molecular Formula	C <sub>17</sub> H <sub>21</sub> NO <sub>4</sub> •HCl
Molecular Weight	339.81
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	99.0	101.0 %
SPECIFIC ROTATION [α] <sub>D</sub>	-71 to -73	
ACIDITY		0.5 ml
LOSS ON DRYING		1.0 %
RESIDUE ON IGNITION		0.1 %
READILY CARBONIZABLE SUBSTANCES	MATCHING FLUID F	
CINNAMYL-COCAINE AND OTHER REDUCING SUBSTANCES	VIOLET COLOR REMAINS	
ISOATROPYL-COCAINE	CRYSTALLINE PRECIPITATE FORMS/SUPPLEMENT IS CLEAR	
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A ( FTIR)	SPECTRUM MATCHES STANDARD	
IDENTIFICATION (B)	ORANGE RED CRYSTALLINE PRECIPITATE FORMS	
IDENTIFICATION (C)	VIOLET CRYSTALLINE PRECIPITATE FORMS	
IDENTIFICATION (D)	POSITIVE FOR CHLORIDE	
RETEST DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

**Spectrum Chemical Mfg Corp**

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