

Specification for Meperidine Hydrochloride (CII), USP (M1191)

Item Number	M1191
Item	Meperidine Hydrochloride (CII), USP
CAS Number	50-13-5
Molecular Formula	C ₁₅ H ₂₁ NO ₂ •HCl
Molecular Weight	283.79
MDL Number	
Synonyms	Pethidine Hydrochloride ; Ethyl 1-Methyl-4-phenylpiperidine-4-carboxylate Hydrochloride

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS)	98.0	102.0 %
MELTING RANGE (DRIED BASIS)	186°	189°C
CHLORIDE CONTENT (DRIED BASIS)	12.2	12.7 %
LOSS ON DRYING		1.0 %
RESIDUE ON IGNITION		0.1 %
ORGANIC IMPURITIES		1.0 %
ELEMENTAL IMPURITIES		AS REPORTED
IDENTIFICATION (A)	MATCHES REFERENCE STANDARD	
IDENTIFICATION (B)	POSITIVE FOR CHLORIDE	
IDENTIFICATION (C)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

Corporate Headquarters:	West Coast Facility:
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000