



Specification for Hydromorphone Hydrochloride (CII), USP (H1107)

Item Number	H1107
Item	Hydromorphone Hydrochloride (CII), USP
CAS Number	71-68-1
Molecular Formula	C ₁₇ H ₁₉ NO ₃ •HCl
Molecular Weight	321.80
MDL Number	
Synonyms	Dihydromorphinone Hydrochloride ; 6-Deoxy-7,8-dihydro-6-oxomorphine Hydrochloride

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.0	101.0 %
SPECIFIC ROTATION [α] _D	-136° to -139°	
ACIDITY		TO PASS TEST
LOSS ON DRYING		1.5 %
RESIDUE ON IGNITION		0.3 %
ORGANIC IMPURITIES		TO PASS TEST
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION		TO PASS TEST
APPEARANCE		
RETEST DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
CLASS 2 (solvent) / ACETONITRILE	.	
CLASS 2 (SOLVENT) / METHANOL	.	
CLASS 3 (solvent) / ETHANOL	.	
MONOGRAPH EDITION		

Spectrum Chemical Mfg Corp

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