



Specification for Apomorphine Hydrochloride, Hemihydrate, USP (A1147)

Item Number	A1147
Item	Apomorphine Hydrochloride, Hemihydrate, USP
CAS Number	41372-20-7
Molecular Formula	$C_{17}H_{17}NO_2 \cdot HCl \cdot 1/2 H_2O$
Molecular Weight	312.79
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	98.5	101.5 %
SPECIFIC ROTATION $[a]_D$	-48° to -52°	
LOSS ON DRYING	2.0	4.2 %
COLOR OF SOLUTION	NOT MORE INTENSE THAN STANDARD	
RESIDUE ON IGNITION		0.1 %
ORGANIC IMPURITIES:		
MORPHINE		0.15 %
ANY OTHER INDIVIDUAL IMPURITY		0.10 %
TOTAL IMPURITIES		0.5 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	POSITIVE FOR CHLORIDE	
RETEST DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

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