



Specification for Ephedrine Sulfate (DEA List I Chemical), USP (EP120)

Item Number	EP120
Item	Ephedrine Sulfate (DEA List I Chemical), USP
CAS Number	134-72-5
Molecular Formula	$(C_{10}H_{15}NO)_2 \cdot H_2SO_4$
Molecular Weight	428.54
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY	98.0	101.0%
SPECIFIC ROTATION $[a]_D$	-30.5° to -32.5°	
ACIDITY		0.20 ml NaOH
ALKALINITY		0.10 ml 0.02N SULFURIC ACID
LOSS ON DRYING		0.5%
RESIDUE AFTER IGNITION		0.1%
CHLORIDE (Cl)		0.14%
ORDINARY IMPURITIES		2.0 %
ELEMENTAL IMPURITIES:		
PLATINUM (Pt)	AS REPORTED	
IDENTIFICATION A (IR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	POSITIVE FOR SULFATE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
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