

Item Number	NE111
Item	Neomycin Sulfate, USP
CAS Number	1405-10-3
Molecular Formula	$C_{23}H_{46}N_6O_{13} \cdot 3H_2SO_4 \cdot xH_2O$
Molecular Weight	908.882
MDL Number	
Synonyms	Fradiomycin Sulfate ; Mycifradin Sulfate

Test	Specification	
	Min	Max
APPEARANCE		
POTENCY (NEOMYCIN; DRIED BASIS)	600 ug/mg	
pH	5.0	7.5
LOSS ON DRYING		8.0 %
ORGANIC IMPURITIES:		
ANY INDIVIDUAL UNSPECIFIED IMPURITY		5.0 %
TOTAL UNSPECIFIED IMPURITIES		15.0 %
COMPOSITION OF NEOMYCIN SULFATE:		
NEOMYCIN A		2.0 %
NEOMYCIN C	3.0	15.0 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION A	Rf VALUE OF THE PRINCIPAL SPOT CORRESPONDS TO STANDARD	
IDENTIFICATION B	RETENTION TIME CORRESPONDS TO STANDARD	
IDENTIFICATION C	POSITIVE FOR SULFATE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS	AS REPORTED	

**Spectrum Chemical Mfg Corp**

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