

Item Number	C2266
Item	Clarithromycin, USP
CAS Number	81103-11-9
Molecular Formula	C <sub>38</sub> H <sub>69</sub> NO <sub>13</sub>
Molecular Weight	747.95
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (ANHYDROUS BASIS)	96.0	102.0%
SPECIFIC ROTATION (20°C)	-94° to -102°	
CRYSTALLINITY	SHOWS BIREFRINGENCE & EXTINCTION POSITIONS	
pH	8.0	10.0
WATER DETERMINATION		2.0%
RESIDUE ON IGNITION		0.2%
ELEMENTAL IMPURITIES	AS REPORTED	
ORGANIC IMPURITIES	.	
ANY INDIVIDUAL IMPURITY		1.0 %
INDIVIDUAL IMPURITY OVER 0.4%		4
TOTAL IMPURITIES.		3.5 %
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS:	AS REPORTED	
CLASS 2 (SOLVENT) / METHANOL	.	
CLASS 2 (solvent) TOLUENE	.	
CLASS 2 (solvent) / METHYLENE CHLORIDE	.	
CLASS 3 (solvent) / ETHANOL	.	
CLASS 3 (solvent) / DIMETHYL SULFOXIDE	.	

***Spectrum Chemical Mfg Corp***

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