



**Specification for Moxifloxacin HCl, USP, bioCERTIFIED (TM)
(MO902)**

Item Number	MO902
Item	Moxifloxacin HCl, USP, bioCERTIFIED (TM)
CAS Number	186826-86-8
Molecular Formula	C ₂₁ H ₂₅ ClFN ₃ O ₄
Molecular Weight	437.9
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	98.0	102.0%
IDENTIFICATION (IR)	TO PASS TEST	
IDENTIFICATION (HPLC)	TO PASS TEST	
IDENTIFICATION (CHLORIDE)	TO PASS TEST	
pH	3.9	4.6
WATER		4.5%
RESIDUE ON IGNITION		0.5%
SULFATE		0.04%
RELATED SUBSTANCES:		
MOXIFLOXACIN RELATED COMPOUND A		0.1%
MOXIFLOXACIN RELATED COMPOUND B		0.1%
MOXIFLOXACIN RELATED COMPOUND C		0.1%
MOXIFLOXACIN RELATED COMPOUND D		0.1%
MOXIFLOXACIN RELATED COMPOUND E		0.1%
ANY OTHER INDIVIDUAL IMPURITY		0.10%
TOTAL IMPURITIES		0.3%
ELEMENTAL IMPURITIES	AS REPORTED	
ENANTIOMERIC PURITY (MOXIFLOXACIN RELATED COMPOUND G)		0.10%
MICROBIAL LIMITS:		
TOTAL AEROBIC MICROBIAL COUNT (TAMC)		1000 CFU/g
TOTAL YEAST AND MOLD COUNT (TYMC)		100 CFU/g
IDENTIFICATION	TO PASS TEST	
APPEARANCE		

Test	Specification	
	Min	Max
EXPIRATION DATE		
MANUFACTURE DATE		
RESIDUAL SOLVENTS	AS REPORTED	

Spectrum Chemical Mfg Corp

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