



Specification for Methylprednisolone, Micronized, USP (ME167)

Item Number	ME167
Item	Methylprednisolone, Micronized, USP
CAS Number	83-43-2
Molecular Formula	C ₂₂ H ₃₀ O ₅
Molecular Weight	374.48
MDL Number	
Synonyms	6?-Methylprednisolone ; 11β,17?,21-Trihydroxy-6?-methylpregna-1,4-diene-3,20-dione

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	97.0	103.0 %
SPECIFIC ROTATION [α] _D	+79 to +86	
CHROMATOGRAPHIC PURITY:	.	
INDIVIDUAL IMPURITY		1.0 %
TOTAL IMPURITIES		2.0 %
LOSS ON DRYING		1.0 %
RESIDUE ON IGNITION		0.2 %
ELEMENTAL IMPURITIES:		
CHROMIUM (Cr)		AS REPORTED
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)		3.0 %
IDENTIFICATION (C)	RED COLOR PRODUCED	
RETEST DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED

Spectrum Chemical Mfg Corp

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