

Item Number	DE121
Item	Dexamethasone, Micronized, USP
CAS Number	50-02-2
Molecular Formula	C ₂₂ H ₂₉ FO ₅
Molecular Weight	392.47
MDL Number	
Synonyms	9?-Fluoro-16?-methylprednisolone ; Hexadecadrol

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	97.0	102.0 %
SPECIFIC ROTATION [α] _D	+72° to +80°	
LOSS ON DRYING		0.5 %
RESIDUE ON IGNITION		0.2 %
ORGANIC IMPURITIES:		
16a-METHYLPREDNISONE		0.15 %
BETAMETHASONE		0.15 %
DEXAMETHASONE-7,9-DIENE		0.10 %
DESOXIMETASONE		0.15 %
DEXAMETHASONE ACETATE		0.30 %
Any individual unspecified impurity		0.10 %
TOTAL IMPURITIES		0.5 %
ELEMENTAL IMPURITIES		AS REPORTED
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED

Spectrum Chemical Mfg Corp

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