



Specification for Betamethasone Sodium Phosphate, USP (BE183)

Item Number	BE183
Item	Betamethasone Sodium Phosphate, USP
CAS Number	151-73-5
Molecular Formula	$C_{22}H_{28}FNa_2O_8P$
Molecular Weight	516.40
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	97.0	103.0 %
SPECIFIC ROTATION $[\alpha]_D$	+99° to +105°	
WATER DETERMINATION		10.0 %
PHOSPHATE IONS		1.0 %
FREE BETAMETHASONE		1.0 %
ELEMENTAL IMPURITIES		AS REPORTED
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	Rf VALUE CORRESPONDS TO STANDARD	
IDENTIFICATION (C)	POSITIVE FOR SODIUM AND PHOSPHATE	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED

Spectrum Chemical Mfg Corp

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