

Item Number	P1831
Item	Dexpanthenol, USP
CAS Number	81-13-0
Molecular Formula	C <sub>9</sub> H <sub>19</sub> NO <sub>4</sub>
Molecular Weight	205.25
MDL Number	
Synonyms	Dexpanthenol

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	98.0	102.0 %
REFRACTIVE INDEX @ 20°C	1.495	1.502
SPECIFIC ROTATION [α] <sub>D</sub>	+29.0° to+31.5°	
AMINOPROPANOL		1.0 %
RESIDUE ON IGNITION		0.1 %
WATER DETERMINATION		1.0 %
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
MERCURY (Hg)	AS REPORTED	
CHROMIUM (Cr)	AS REPORTED	
IDENTIFICATION A ( FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	DEEP BLUE COLOR DEVELOPS	
IDENTIFICATION (C)	PURPLISH RED COLOR DEVELOPS	
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	

*Spectrum Chemical Mfg Corp*

Corporate Headquarters: West Coast Facility:  
769 Jersey Ave. 14422 S. San Pedro St.

*Spectrum Chemical Mfg Corp*

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