

Item Number	M1122
Item	Meglumine, USP
CAS Number	6284-40-8
Molecular Formula	C <sub>7</sub> H <sub>17</sub> NO <sub>5</sub>
Molecular Weight	195.21
MDL Number	
Synonyms	1-Deoxy-1-(methylamino)-D-glucitol ; N-Methyl-D-glucamine ; 1-Methylamino-1-deoxy-D-glucitol ; N-Methylglucamine

Test	Specification	
	Min	Max
ASSAY (DRIED BASIS)	99.0	100.5 %
COMPLETENESS AND COLOR OF SOLUTION		0.030
MELTING RANGE	128°	132°C
SPECIFIC ROTATION [α] <sub>D</sub>	-15.7° to -17.3°	
ABSENCE OF REDUCING SUBSTANCES	COLOR OF SOLUTION DOES NOT CHANGE	
LOSS ON DRYING		1.0 %
RESIDUE ON IGNITION		0.1 %
ELEMENTAL IMPURITIES:		
NICKEL (Ni)	AS REPORTED	
IDENTIFICATION	MIXTURE TURNS BRIGHT YELLOW AND BECOMES CLEAR	
APPEARANCE		
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
CLASS 2 (SOLVENT) / METHANOL		
MONOGRAPH EDITION		

***Spectrum Chemical Mfg Corp***

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