

Item Number	B1103
Item	Biotin, Powder, USP
CAS Number	58-85-5
Molecular Formula	C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S
Molecular Weight	244.31
MDL Number	
Synonyms	Vitamin H

Test	Specification	
	Min	Max
ASSAY	97.5	102.0 %
SPECIFIC ROTATION, [α] <sub>D</sub> <sup>25</sup>	+89° to +93°	
RELATED COMPOUNDS:		
INDIVIDUAL IMPURITY		1.0 %
TOTAL IMPURITIES		2.0 %
ELEMENTAL IMPURITIES	AS REPORTED	
IDENTIFICATION (A)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	+89° to +93°	
IDENTIFICATION (C)	RETENTION TIME CORRESPONDS TO STANDARD	
CERTIFIED HALAL		
RETEST DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS	AS REPORTED	
CLASS 1 (solvent) / BENZENE	.	
CLASS 2 (solvent) / TOLUENE		890 ppm
CLASS 3 (solvent) / DIMETHYL SULFOXIDE		5000 ppm
MONOGRAPH EDITION		

***Spectrum Chemical Mfg Corp***

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