

Item Number	ME111
Item	DL-Menthol, Crystal, USP
CAS Number	89-78-1
Molecular Formula	C ₁₀ H ₂₀ O
Molecular Weight	156.27
MDL Number	
Synonyms	Hexahydrothymol ; Racemic Menthol ; Racementhol

Test	Specification	
	Min	Max
ASSAY	98.0	102.0 %
CONGEALING RANGE (A)	27°	28°C
CONGEALING RANGE (B)	30.5°	32.0°C
SPECIFIC ROTATION, [α] _D ²⁵	-2° to +2°	
NONVOLATILE RESIDUE		0.05%
RELATED COMPOUNDS:		
ISOMENTHOL		0.5 %
OTHER IMPURITIES		0.3 %
TOTAL IMPURITIES		2.0 %
READILY OXIDIZABLE SUBSTANCES	PURPLE COLOR REMAINS	
ELEMENTAL IMPURITIES		AS REPORTED
IDENTIFICATION (A)	RETENTION TIME CORRESPONDS TO STANDARD	
IDENTIFICATION (B)	-2° to +2°	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED

Spectrum Chemical Mfg Corp

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