



318 Half Day Rd, PMB 348, Buffalo Grove, IL 60089

Specification Sheet

Product : Menthol Crystals USP

Description	Specifications	
	Min	Max
Description	Prismatic or acicular shiny crystals, odor pleasant & characteristic	
Identification – A	Retention time of the major peak of the sample corresponds to the menthol peak of the standard solution (Assay)	
Identification – B	Meets requirements in Specific Tests for Optical Rotation / Specific Rotation	
Non-Volatile Residue, %	NMT 0.05%	
SOR	-51°	-45°
Melting Range	41°	44°C
Assay by GC (L-Menthol Content), %	98.00%	102.00%
Related Substances (By-GC) – Individual Impurities, %	NMT 0.30%	
Related Substances (By-GC) – Total Impurities, %	NMT 2.0%	

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