

PRODUCT: NATURAL MENTHOL CRYSTALS

ITEMS	SPECIFICATIONS	
	<u>USP31</u>	<u>BP2008</u>
IDENTIFICATION	Colourless, transparent hexagonal or needlelike crystals	
MELTING POINT	<u>41°C~44°C</u>	About 43°C
SOLUBILITY	1g soluble in 5ml of 90% (v/v) alcohol, forming a clear solution	
SPECIFIC ROTATION (25°)	<u>-45° ~ -51°</u>	About -50°
LIMIT OF NONVOLATILE RESIDUE	Not over run 0.05 under condition of 105°C	
ORGANIC VOLATILE IMPURITIES	Solvent - Use dimethyl sulfoxide	
CHROMATOGRAPHIC PURITY	The peak response due to menthol is not less than 97%	
As CONTENT	≤3 ppm	
HEAVY METALS	≤10 ppm	
RESIDUE ON IGNITION	≤0.1%	
RELATED SUBSTANCES	Examine by gas chromatography	