

PRODUCTO: MENTOL CRISTALES

| 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 | |