

## Specification Of Menthol Crystal

| Item                     | Standard   |
|--------------------------|--|
| Appearance               | Colorless, transparent hexagonal or needle like crystals |
| Odor                     | Have the characteristic odor of Chinese natural menthol  |
| Purity (%)               | ≥ 99.5   |
| Melting point (°C)       | 41.5 ~ 44.0  |
| Solubility (25 °C)       | Melting 1 gram test sample into 5ml 90% alcohol          |
| Non- volatile matter (%) | ≤ 0.05   |
| Specific rotation(25°C)  | – 50° ~ – 49°  |
| Arsenic (As)             | ≤ 3 mg/kg  |
| Lead (Pb)                | ≤ 2 mg/ kg   |
| Mercury (Hg)             | ≤ 1 mg/ kg   |
| Heavy Metals (as PB)     | ≤ 10 mg/ kg  |