

FUYANG BEST FLAVOR PERFUMERY CO., LTD.
YINGZHOU INDUSTRY PARK, FUYANG CITY, ANHUI PROVINCE, CHINA

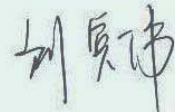
CERTIFICATE OF ANALYSIS

| Article | MENTHOL CRYSTAL POLAR BEAR BRAND | | |
|----------------------------------|---|-------------------|------------------------|
| Batch number | 130515 | Packing | 25Kgs Net Fibre Drums |
| Quantity (Drums) | 320 | Weight (kgs) | 8000 |
| Report date | MAY. 16, 2013 | Testing Standards | BP2008/USP31 |
| Manufacturing Date | MAY. 15, 2013 | Expiry Date | MAY. 14, 2016 |
| Manufacturer | Fuyang Best Flavor Perfumery Co., Ltd. | | |
| Items | Standards | | Analytical Results |
| | USP31 | BP2008 | |
| Identification | Colourless, transparent hexagonal or needlelike crystals. | | Complies with standard |
| Melting point (°C) | 41~44°C | About 43°C | 42.5°C |
| Solubility | 1g soluble in 5ml of 90%(v/v) alcohol, forming a clear solution | | Complies with standard |
| Specific rotation (25°C) | -45° ~ -51° | About -50° | -49.7° |
| Limit of Nonvolatile residue (%) | Not overrun 0.05 under condition of 105°C | | 0.01 |
| Organic volatile impurities | Solvent-Use dimethyl sulfoxide | | Meets the requirement |
| Chromatographic purity | The peak response due to menthol is not less than 97% | | 99.6 |
| As Content | ≤3ppm | | Absent |
| Heavy metals | ≤10ppm | | Absent |
| Residue on ignition | ≤0.1% | | 0.03% |
| Related substances | Examine by gas chromatography | | Meets the requirement |
| Conclusion | Analytical results conforming to standard BP2008/USP31 | | |

Inspector: Tao Zhang



Principal: Binwei Liu




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