

SPECIFICATION

Caffeine Standard for High Performance Liquid Chromatography

| REQUIREMENT | SPECIFICATION |
|------------------------|------------------------------------|
| Appearance | White, crystalline powder ~ powder |
| Solubility in water | to pass test |
| Melting point | 235~238°C |
| Loss on drying at 80°C | max.0.5% |
| Assay (HPLC) | min.98.0% |
| Assay (qNMR) | min.98.0% |