

Code No.03-0679

SPECIFICATION

Caffeine

Wako Special Grade

| REQUIREMENT | SPECIFICATION |
|-------------------------------------|--------------------------|
| Appearance | White crystalline powder |
| Solubility in water | to pass test |
| Melting point | 235~238°C |
| Loss on drying at 80°C | under investigation |
| Residue after ignition (as sulfate) | max.0.1% |
| pH of a 10g/l solution at 25°C | 5.5~6.5 |
| Assay (HPLC) | min.98.5% |