

Code No.13-0085

SPECIFICATION

D(-) -Mannitol

Wako 1st Grade

| REQUIREMENT | SPECIFICATION |
|---|--------------------------------------|
| Appearance | White, crystals ~ crystalline powder |
| Solubility in water | to pass test |
| Melting point | 165~169℃ |
| Specific rotation [α]D20(c=10,H2O)(Bolic acid complex) | +21.5~+24.5° |
| Loss on drying at 105 °C | max.1.5% |
| Residue after ignition (as sulfate) | max.0.1% |
| Acidity (as CH3COOH) | max.0.012% |
| Chloride (Cl) | max.0.01% |
| Sulfate (SO4) | max.0.01% |
| Heavy metals (as Pb) | max.0.005% |
| Reducing sugar (as mannose) | max.0.1% |

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