

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 [ $\alpha$ ]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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