

Code No.13-0087

## SPECIFICATION

## D(+)-Mannose

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	White, crystalline powder ~ powder
Solubility in water	to pass test
Specific rotation [ $\alpha$ ]D <sub>20</sub> (c=2, H <sub>2</sub> O, 2hr)	+13.8~+14.6°
Loss on drying at 105°C	max.0.5%
Chloride (Cl)	max.0.001%
Sulfate (SO <sub>4</sub> )	max.0.005%
Copper (Cu)	max.0.001%
Lead (Pb)	max.0.001%
Arsenic (As)	max.1ppm
Iron (Fe)	max.0.001%