

## SPECIFICATION

## D(-)-Sorbitol

Wako 1st Grade

REQUIREMENT	SPECIFICATION
Appearance	White crystalline powder
Solubility in water	to pass test
Specific rotation [ $\alpha$ ]D <sub>20</sub> (c=20,dil.NH <sub>4</sub> OH)	-0.8~-2.0°
Loss on drying at 80°C over silica gel in vacuum	max.2.0%
Chloride (Cl)	max.0.005%
Sulfate (SO <sub>4</sub> )	max.0.01%
Heavy metals (as Pb)	max.5ppm
Barium (Ba)	to pass test
Arsenic (As)	max.1ppm
Iron (Fe)	max.0.001%
Nickel (Ni)	max.0.001%
Reducing sugars	max.0.1%
Dextrin, starch and sulfite	to pass test
Assay (capillary GC)	min.98.0%