

SPECIFICATION

D(-)-Fructose

Wako Special Grade

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Specific rotation [α]D20(c=10,dil.NH4OH)	-91~-93°
Loss on drying over silica gel in vacuum	max.0.5%
Residue after ignition (as sulfate)	max.0.02%
Chloride (Cl)	max.0.002%
Sulfate (SO4)	max.0.005%
Heavy metals (as Pb)	max.5ppm
Iron (Fe)	max.5ppm
Dextrin, starch and sulfurous acid	to pass test
Assay (HPLC)	min.99.0%