

## SPECIFICATION

D(+)-Glucose  
Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> ) (GC) Solubility in water Specific rotation [ $\alpha$ ] <sub>D20</sub> Loss on drying at 105°C Residue after ignition (as sulfate) Acidity (as CH <sub>3</sub> COOH) Chloride (Cl) Sulfate and sulfite (as SO <sub>4</sub> ) Calcium (Ca) Lead (Pb) Iron (Fe) Arsenic (As) D(-)-Fructose (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> ) Dextrin and starch	White, crystals ~ crystalline powder min.98.0%(area/area) to pass test +52.5~+53.3° max.0.2%(mass/mass) max.0.03%(mass/mass) max.0.003%(mass/mass) max.0.004%(mass/mass) max.0.005%(mass/mass) max.0.005%(mass/mass) max.5ppm(mass/mass) max.5ppm(mass/mass) max.1ppm(mass/mass) max.2.0%(mass/mass) to pass test

JIS K 8824:2020(\*:Additional test performed by Wako but not required by JIS)