

SPECIFICATION

Sucrose

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
* Particle size (coarser than 1.18mm)	0%
* Particle size (850 μm ~1.18mm)	max.5%
* Particle size (355 μm ~850 μm)	min.70%
Solubility in water	to pass test
Specific rotation $[\alpha]_{\text{D}20}$ (after drying)	+66.3~+66.7°
Loss on drying at 105°C	max.0.1%(mass/mass)
Residue after ignition (as sulfate)	max.0.01%(mass/mass)
Acidity (as CH ₃ COOH)	max.0.006%(mass/mass)
Chloride (Cl)	max.5ppm(mass/mass)
Sulfate (SO ₄)	max.0.003%(mass/mass)
Calcium (Ca)	max.0.003%(mass/mass)
Lead (Pb)	max.3ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Invert sugar	max.0.05%(mass/mass)

JIS K 8383:2019(*:Additional test performed by Wako but not required by JIS)This product is small granules.