

SPECIFICATION

Maltose Hydrate

for the Japanese Pharmacopoeia General Tests

REQUIREMENT	SPECIFICATION
Description (JP method)	White crystals or crystalline powder
Identification (JP method)	to pass test
Optical rotation [α]D ₂₀ (JP method)	+126~+131°
pH (JP method)	4.5~6.5
Purity (JP method)	-
(1) Clarity and color of solution (JP method)	to pass test
(2) Chloride (JP method)	max.0.018%
(3) Sulfate (JP method)	max.0.024%
(4) Heavy metals (JP method)	max.4ppm
(5) Arsenic (JP method)	max.1.3ppm
(6) Dextrin, soluble starch and sulfite (JP method)	to pass test
(7) Nitrogen (JP method)	max.0.01%
(8) Related substances (JP method)	to pass test
Loss on drying (JP method)	max.0.5%
Residue on ignition (JP method)	max.0.1%
Assay (after drying) (JP method)	min.98.0%