

## SPECIFICATION

## Lactose Monohydrate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Solubility in water Ethanol-soluble matter Specific rotation [ $\alpha$ ]D20 Loss on drying at 80°C Residue after ignition (as sulfate) pH of a 50g/l solution at 25°C Nitrogen compounds (as N) Heavy metals (as Pb) Iron (Fe) Dextrin and starch	White, crystalline powder ~ powder to pass test max.0.2%(mass/mass) +52.2~+52.8° max.0.5%(mass/mass) max.0.05%(mass/mass) 4.0~6.0 max.0.005%(mass/mass) max.5ppm(mass/mass) max.5ppm(mass/mass) to pass test

JIS K 8728:2011

\*:Additional test performed by Wako but not required by JIS