

Product description

Description White crystals or crystalline powder, odorless or slightly characteristic odor, slightly bitter taste

Physical chemical analysis

State of solution (Transmittance)	Not Less Than 98.0%
pH	5.5 ~ 6.5
Specific rotation$[\alpha]^{20D}$	+14.9 ~ +16.0°
Specific rotation$[\alpha]^{25D}$	+14.9 ~ +17.3°
Ammonium (NH₄)	Not More Than 0.020%
Chloride (Cl)	Not More Than 0.020%
Sulfate (SO₄)	Not More Than 0.020%
Iron (Fe)	Not More Than 10 ppm
Heavy metals (Pb)	Not More Than 10 ppm
Arsenic (As₂O₃)	Not More Than 1 ppm
Loss on drying	Not More Than 0.020%
Residue on ignition	Not More Than 0.010%
Related substances	Not More Than 0.5%
Endotoxin	Less Than 6.0 EU/g
Assay (dry basis)	99 ~ 101%

Other specs

Our certificates

Transport

Loose in bulk

Storage

Controlled room temperature in tight container

Shelf life

Product should be kept in dry storage at a temperature between 15°C and 30°C.

