SPECIFICATION

L-Cysteine Hydrochloride Monohydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals \sim crystalline powder
Assay (C3H7NO2S·HCI) (calculated on the dried basis)	min.99.0%(mass/mass)
Solubility in water	to pass test
Specific rotation [α]D20	+5.0~+7.0°
Loss on drying	8.5~12.0%(mass/mass)
Residue after ignition (as sulfate)	max.0.05%(mass/mass)
Sulfate (SO4)	max.0.02%(mass/mass)
Heavy metals (as Pb)	max.0.001%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Ammonium (NH4)	max.0.05%(mass/mass)
Foreign amino acids	to pass test

(1/1)revised on 2018/06/21

JIS K 8470:2016
*:Additional test performed by Wako but not required by JIS