

SPECIFICATION

L-Cysteine Hydrochloride Monohydrate, Animal-derived-free
for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Solubility in water	to pass test
Specific rotation [α]D ₂₀ (c=8,6mol/l HCl) (calculated on the dried basis)	+6.0~+7.5°
Loss on drying over phosphorus(V) oxide in vacuum	8.5~12.0%
Residue after ignition (as sulfate)	max.0.1%
Related substances	to pass test
Assay (calculated on the dried basis)	98.0~102.0%