

SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.
QUALITY ASSURANCE SECTION
1-6, Ohmano-cho, Koshigaya-shi,
Saitama, 343-0844, Japan
TEL: +81-48-986-6161
FAX: +81-48-989-2787

Product Code 34460-0310
Commodity L-Cysteine hydrochloride monohydrate
Grade Guaranteed Reagent
Q'ty 25g

[Test Item]	[Standard]	CASNo.7048-04-6
ASSAY (calculated on the dried basis)	min. 99.0 %(m/m)	
Solubility in water	To pass test	
Specific rotation $[\alpha]_D^{20}$	+5.0~+7.0 °	
Drying loss	8.5~12.0 %(m/m)	
Ignition residue (as sulfates)	max. 0.05 %(m/m)	
Sulfate (SO ₄)	max. 0.02 %(m/m)	
Heavy metals (as Pb)	max. 0.001 %(m/m)	
Arsenic (As)	max. 1 ppm(m/m)	
Iron (Fe)	max. 0.001 %(m/m)	
Ammonium (NH ₄)	max. 0.05 %(m/m)	
Foreign amino acid	To pass test	