

SPECIFICATION

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Product Code 41175-0310
Commodity L-Serine
Grade Guaranteed Reagent
Q'ty 25g

[Test Item]	[Standard]	CASNo.56-45-1
ASSAY(C ₃ H ₇ NO ₃)(Dried)	min. 99.0 %(m/m)	
Solubility in water	To pass test	
Specific rotation [α] _D ²⁰ (Dried)	+14.3~+15.5 °	
Drying loss (105°C)	max. 0.2 %(m/m)	
Ignition residue (as sulfates)	max. 0.05 %(m/m)	
Chloride (Cl)	max. 0.02 %(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. 0.02 %(m/m)	
Other amino acid	To pass test	