

SPECIFICATION

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Product Code 65415-0310
Commodity L(-)-Proline
Grade Guaranteed Reagent
Q'ty 25g

[Test Item]	[Standard]	CASNo.147-85-3
ASSAY (C ₅ H ₉ NO ₂)	min. 99.0 %(m/m)	
Solubility in water	To pass test	
pH (100g/L, 25°C)	5.5~7.0	
Specific rotation [α] _D ²⁰	-84.0~-86.0 °	
Drying loss (105°C)	max. 0.3 %(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)	
Lead (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)	
Foreign amino acid	To pass test	