

SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.
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Product Code 87070-0310
Commodity L-Leucine
Grade Guaranteed Reagent
Q'ty 25g

[Test Item]	[Standard]	CASNo.61-90-5
ASSAY	min. 99.0 %(m/m)	
Solubility in dilute hydrochloric acid	To pass test	
pH (10g/L, 25°C)	5.5~7.0	
Specific rotation $[\alpha]_D^{20}$	+14.7~+16.0 °	
Drying loss (105°C)	max. 0.2 %(m/m)	
Ignition residue (as sulfates)	max 0.05 %(m/m)	
Chloride (Cl)	max. 0.01 %(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)	
Other amino acid	To pass test	