

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **L-Isoleucine**
Specifications & Purity: from non-animal source,for cell culture,98.5-101.0%,EP,JP,USP
SKU # **I115775**

Parameter	Limit Values
Heavy metals	0-10 (ppm)
Iron(Fe)	0-10 (ppm)
Purity(NonaqueousTitration)	98.5-101.5 (%)
Loss on drying	0-0.2 (%)
Chloride	0-0.02 (%)
Ignition Residue	0-0.1 (%)
Sulfate(SO ₄ ²⁻)	0-0.02 (%)
Ammonia (NH ₄)	0-0.02 (%)
(As)Arsenic	0-1 (ppm)
Specific Rotation [α] ₂₀ /D(c=4 in 6mol/L HCl)	38-43 (°)
Appearance (I115775)	White Powder or Crystals
Cell Culture Test	pass
Infrared spectrum	Conforms to Structure
Origin	non-animal source
Solubility in 1 M HCl , Colorless Clear 50 mg/ml	pass