

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **L-Leucine**  
Specifications & Purity: from non-animal source, meets EP, JP, USP testing specifications, suitable for cell culture, 98.5-101.0%  
SKU #: **L433130**

**Parameter**

Appearance(L433130)  
Solubility(0.5 g to 10 mL, 1 M HCl)Colorless Clear  
Infrared spectrum  
Endotoxin Assay  
Cell Culture Test  
Origin( Non-Animal Source)  
specific rotation  $[\alpha]_{20}^D$ (C= 4 in 6M HCL)  
Chloride (Cl-)  
Ammonium (NH<sub>4</sub>)  
Iron(Fe)  
Sulfate(SO<sub>4</sub><sup>2-</sup>)  
Heavy metals  
Arsenic(As)  
Loss on drying  
Residue on ignition(Ash)  
Assay(Nonaqueous Titration anhydrous)

**Limit Values**

White Crystalline Powder  
pass  
Conforms to Structure  
0-1 (EU/mg)  
pass  
Biochemical Test-N/A  
14.9-16 (°)  
0-0.02 (%)  
0-0.02 (%)  
0-10 (ppm)  
0-0.03 (%)  
0-10 (ppm)  
0-1 (ppm)  
0-0.2 (%)  
0-0.1 (%)  
98.5-101 (%)