



# 新疆阜丰生物科技有限公司

**XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD**

GANQUANPU INDUSTRIAL PARK, ECONOMIC AND TECHNOLOGICAL  
DEVELOPMENT AREA(TOUTUNHE DISTRICT), URUMQI, XINJIANG, CHINA.

## Technical Data Sheet

**Products: L-Leucine**

**Formula: C<sub>6</sub>H<sub>13</sub>NO<sub>2</sub>**

**Molecular Weight: 131.17**

**CAS NO.: 61-90-5**

**Test Standard: In house standard**

### Specification:

Items	Limits
Description	White crystals or crystalline powder
Assay	98.5%~101.5%
Identification(Infrared Absorption)	Corresponding to Reference Spectrum
PH	5.5~7.0
Specific rotation	+14.9°~+17.3°
Residue on Ignition	≤0.2%
Loss on Drying	≤0.2%
Chloride (Cl)	≤0.05%
Iron(Fe)	≤0.001%
Sulfate ( SO <sub>4</sub> )	≤0.03%
Heavy Metals	≤10ppm
Lead	≤0.3mg/kg
Cadmium	≤1.0mg/kg
Mercury	≤0.1mg/kg
Arsenic(As)	≤1.0mg/kg
Total Plate Count	≤1000cfu/g
Yeast and Molds	≤100cfu/g
E.Coli	Negative
Staphylococcus Aureus	Negative
Salmonella	Negative
Storage Condition	Stored In Cool and Dry place

**Packing: 25KG/DRUM.**

**Note for Transport: NON – Dangerous goods**

新疆阜丰生物科技有限公司  
XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD.  
包喜