



新疆阜丰生物科技有限公司

XINJIANG FUFENG BIOTECHNOLOGIES CO.,LTD.

NO 188, FANGZHENG EAST STREET, GANQUANPU ECONOMIC AND TECHNOLOGICAL DEVELOPMENT
ZONE, URUMCHI CITY, XINJIANG PROVINCE, PRC

CERTIFICATE OF ANALYSIS
FOR L-ISOLEUCINE

Product Name: L-Isoleucine

CAS No.: 73-32-5

Packing: 25kg/drum

Batch No.: Y2506001

Quantity: 200KG

Mfg Date: 2025.06.01

Inspection Date: 2025.06.02

Expiry Date: 2027.05.31

Country of Origin: China

Source: Vegetarian Origin

Items	Specification	Test Results
Description	White Crystals or Crystalline Powder	Conforms
Identification (IR)	Concordant with the reference spectrum	Conforms
Assay	98.5%~101.5%	100.2%
Specific Rotation	+38.9°~+41.8°	+40.6°
PH	5.5-7.0	5.90
Residue on Ignition	≤0.30%	0.07%
Loss on Drying	≤0.30%	0.06%
Heavy Metals	≤10ppm	<10ppm
Lead (Pb)	≤0.5ppm	<0.5ppm
Arsenic (As)	≤1.0ppm	<1.0ppm
Cadmium (Cd)	≤1.0ppm	<1.0ppm
Mercury (Hg)	≤0.1ppm	<0.1ppm
Chloride (Cl)	≤0.05%	<0.05%
Sulfate (SO ₄)	≤0.03%	<0.03%
Iron (Fe)	≤0.003%	<0.003%
Total Plate Count	≤5000 cfu/g	<1000 cfu/g
Yeast and Molds	≤100 cfu/g	<100 cfu/g
Coliform Group	≤3 mpn/g	Conforms
Staphylococcus Aureus	≤3 mpn/g	Conforms
Salmonella	Negative	Negative
Conclusion: Passed Test According to the Standard of USP24		

新疆阜丰生物科技有限公司
XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD.
(4)



新疆阜丰生物科技有限公司

XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD.

NO 188, FANGZHENG EAST STREET, GANQUANPU ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE, URUMCHI CITY, XINJIANG, CHINA

Residual Solvents Statement

To whom it may concern,

We, Xinjiang Fufeng Biotechnologies Co., Ltd., hereby certify that Our product L-Isoleucine does not contain residual solvents.

Xinjiang Fufeng Biotechnologies Co., Ltd.

