



XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD.

新疆阜丰生物科技有限公司

CERTIFICATE OF ANALYSIS

检验报告单

Update date: Aug.01.2022

Product Name: L-Leucine Fermentation

CAS No. 61-90-5

Packing: 25kg/drum

Country Of Origin: China

Items	Limits
Description	White crystals or crystalline powder
Assay	98.5% ~ 101.5%
Identification (Infrared Absorption)	Corresponding to Reference Spectrum
Mesh Size	/
PH	5.5 ~ 7.0
Specific rotation	+14.9° ~ +17.3°
Residue on Ignition	≤ 0.1%
Loss on Drying	≤ 0.2%
Bulk Density	≥ 0.4g/ml
Chloride (Cl)	≤ 500ppm
Iron(Fe)	≤ 30ppm
Sulfate (SO ₄)	≤ 300ppm
Heavy Metals	≤ 10ppm
Lead (Pb)	≤ 3ppm
Arsenic (As)	≤ 1ppm
Cadmium (Cd)	≤ 1ppm
Mercury (Hg)	≤ 0.1ppm
Total Plate Count	≤ 1000cfu/g
Yeast and Molds	≤ 100cfu/g
E.Coli	Negative in 10g
Staphylococcus Aureus	Negative in 10g
Salmonella	Negative in 25g
COMPLY WITH THE STANDARD OF USP24	

新疆阜丰生物科技有限公司
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