



Tongliao Meihua Biological Sci-Tech Co.,Ltd
Address: Mulitu Town, Keerqin Dis., Tongliao City,
The Inner Mongolia Post: 028024
Tel: 86-0475-8877002 Fax: 86-0475-8877002
Web: www.meihuagr.com Email: info@meihuagr.com

L-Isoleucine USP24

Appearance: white Crystalline powder

Formula: $C_6H_{13}NO_2$

Molecular weight: 131.17

Shelf Life : 2 Years

Specification:

项目 Item	标准 Standard	Test method
性状 Appearance	结晶粉末 Crystalline powder	USP
颜色 Color	白色 Whitish	USP
气味 Aroma	无 None	USP
鉴定 Identification	Infrared absorption	USP
含量 Assay	98.5-101.5%	USP
比旋度 Specific Rotation $[\alpha]_{D20}^{\circ}$ HCL solution	+38.90 - +41.80	USP
干燥失重 Loss on Drying	$\leq 0.3\%$	USP
PH	5.5-7.0	USP
炽灼残渣 Ignited residue	$\leq 0.3\%$	USP
氯化物 Chloride (Cl)	$\leq 0.05\%$	USP
硫酸盐 Sulfate	$\leq 0.03\%$	USP
重金属 Heavy metals	≤ 10 ppm	USP
铁 Iron	$\leq 0.003\%$	USP
砷 (Arsenic)	≤ 1 ppm	USP
铅 (Lead)	≤ 5 ppm	USP
镉 Cadmium	≤ 1 ppm	USP
汞 Mercury	≤ 0.1 ppm	USP
总菌数 Total plate count	≤ 1000 cfu/g	USP
酵母菌和霉菌 Yeast and Moulds	≤ 100 cfu/g	USP
沙门氏菌 Salmonella	Absent in 25g	USP
大肠菌群 Coliforms	≤ 50 MPN/g	USP
Sieve Analysis	80% pass mesh 40	USP
Bulk Density	0.30-0.40g/ml	USP
Tapped Density	0.40-0.50g/ml	USP

