



通辽梅花生物科技有限公司

TONGLIAO MEIHUA BIOLOGICAL SCI-TECH CO., LTD

地址:内蒙古通辽市科尔沁区木里图工业园区 邮编:028024

MULITU TOWN, KEERQIN DIS., TONGLIAO, INNER MONGOLIA, CHINA, 028024

Tel: 86-0475-8877002

Fax: 86-0475-8877002

Email: info@meihuagr.com

Web: www.meihuagr.com

L-Glutamine FCC 10

Appearance: White Crystalline Powder

Formula: C₅H₁₀N₂O₃

Molecular weight: 146.15

Storage temperature: Ambient storage

Shelf Life: 3Years

Specification:

项目 Item	标准 Standard	检测方法 Test Method
感官 Sensory test	结晶粉末 Crystalline powder	药典 Chinese pharmacopoeia
含量(以干基计)/ (%) Assay(dry content)	98.5%-101.5%	中国药典 Chinese pharmacopoeia
比旋光度[α] _{D20} / (°) Specific rotation[α] _{D20}	+6.3 ⁰ - +7.3 ⁰	中国药典 Chinese pharmacopoeia
干燥失重 Loss on Drying	≤0.3%	中国药典 Chinese pharmacopoeia
炽灼残渣 Ignited residue	≤0.1%	中国药典 Chinese pharmacopoeia
重金属(以Pb计)/ (mg/kg) Heavy metals(as Pb)	≤5ppm	中国药典 Chinese pharmacopoeia
溶液透光率 Transmittance	≥98.0%	中国药典 Chinese pharmacopoeia
氨基酸中不溶杂质/ (mg/g) Insoluble impurities in amino acids	≤0.05无长于5mm纤维	----
白度/ (数值) Whiteness	≥95.0%	----
筛分值(120目下)/ (%) Thru(120mesh)	≥95	----
松密度 Bulk density	≥0.52g/ml	----
菌落总数 Total plate count	≤1000 CFU/g	GB4789.2
PH (数值)	4.0-6.0	中国药典 Chinese pharmacopoeia
大肠菌群/ (MPN/g) Coliforms	≤ 3 MPN/g	GB4789.3
酵母菌和霉菌 Yeast and Moulds	≤100 CFU/g	GB4789.15
沙门氏菌 Salmonella	不得检出 Negative	GB4789.4
砷/ (mg/kg) Arsenic	≤1	GB5009.11
铅/ (mg/kg) Lead	≤3	GB5009.12
镉/ (mg/kg) Cadmium	≤0.5	GB5009.15
汞/ (mg/kg) Mercury	≤1	GB5009.17

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