



上海源叶生物科技有限公司
Shanghai yuanye Bio-Technology Co., Ltd
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质量检验报告 CERTIFICATE OF ANALYSIS

产品名称(Product Name): L-谷氨酰胺

英文名称(English Name): L-Glutamine; L-Glutamic acid 5-amide

分子式(Molecular Formula): C₅H₁₀N₂O₃

分子量(Molecular Wt): 146.146

CAS: 56-85-9

储存条件(Storage Condition): RT

货号(Item No): V32594

批号 (Lot. Number): D2501390

检测日期: 2026-09-16

复测日期: 2029-09-15

分析项目 SPECIFICATION	技术指标 PROPERTIES STANDARD	实测结果 RESULTS
Chloride Content	0-0.02 (%)	0.00120 %
Ammonium (NH ₄)	0-0.1 (%)	0.00200 %
Sulfate(SO ₄)	0-0.02 (%)	0.01200 %
Iron(Fe)	0-10 (ppm)	1.02500 ppm
Arsenic(As)	0-1 (ppm)	0.23500 ppm
Residue on ignition(Ash)	0-0.1 (%)	0.03000 %
PH 2% Water	4.5-6.0	5.00000
Purity(dry basis) (Titration)	99.0-101.0 (%)	99.40000 %
loss on drying(105°C,3 h)	0-0.3 (%)	0.05000 %
Endotoxin Level(30 mg/mL)	0-1 (EU/ml)	0.80000 EU/ml
Specific Rotation [α] ₂₀ /D(c=4 in H ₂ O)	6.3-7.3 (°)	6.70000 °
Infrared spectrum	Conforms to structure	Conforms to Structure
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Ninhydrin-Positive Substances	Conforms	Conforms



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Residual Solvents USP <467>	meets the requirements	meets the requirements
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Quality Assurance: Xiaoyong Tan



Quality Control: Yunfei Zhu

