



河北昌昊生物科技有限公司
HEBEI CHANGHAO BIOTECHNOLOGY CO., LTD

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分 析 报 告
CERTIFICATE OF ANALYSIS

产品名称: L-蛋氨酸 Product Name: L-Methionine	数量: Quantity:700kg	批号: Batch No:20260508
生产日期: Producing date: 2026.05.08	取样日期: Sampling date: 2026.05.08	报告日期: Send out date: 2026.05.08
参照标准: Reference standard: USP40	包装: Package: 25kg/drum	有效期: Expiry date:2028.05.07

Items 项目	Specification 规格	Result 结果
外观 Appearance	白色结晶或结晶性粉末 White crystals or crystalline powder	符合 Conforms
含量 Assay,%	98.5~101.5	99.3
鉴定 Identification	Infrared absorption	Conforms
旋光 Optical rotation	+22.4°~+24.7°	+23.7°
PH 值 PH value (10mg/ml in water)	5.6~6.1	5.80
干燥失重 Loss on drying,(100-105°C)%	≤0.3	0.13
灰分 Residue on ignition,%	≤0.4	0.07
硫酸盐 Sulfate,%	≤0.03	<0.03
氯化物 Chloride,%	≤0.05	<0.05
铁盐 Iron, %	≤0.003	<0.003
重金属 Heavy metals,%	≤0.0015	<0.0015
色谱纯度 Chromatographic purity,%	Individual impurity ≤0.5 Total impurities ≤2.0	Conforms
其他有机残留溶剂 Organic volatile impurities	Meets the requirements	Conforms
砷盐 Arsenic, ppm	≤1	<1
结论: 产品符合 USP40 参考标准 Conclusion: The goods conforms to USP40 Standard.		

检验员: 丁春红
Inspectors:DingChunhong

复核人: 朱琳琳
Checker: Zhulinlin

负责人: 王树丽
Director:Wang shuli

