



CERTIFICATE OF ANALYSIS

Product name: 品名	L-tryptophan L-色氨酸	Expiry Date: 失效期	2024-02-11
Batch Number: 批号	LYPH220112	Report Date: 检测日期	2022-02-13
Batch Size: 批量	2Ton	Manu. Date: 生产日期	2022-02-12

Item 项目	Specification 技术要求	Result 结果
Appearance 外观	White crystals or crystalline powder 白色结晶或结晶性粉末	Conforms
Assay 含量	98.5~101.5%	99.5%
Ph value Ph 值	5.5-7.0	5.9
Specific rotation 比旋度	-29.4°~ -32.8°	-30.8°
Loss on drying 干燥失重	≤0.3	0.11
Residue on ignition 灼烧残渣	≤0.10	0.05
Chloride (CL) 氯化物	≤0.05	<0.05
Sulfate (SO4) 硫酸盐	≤0.03	<0.03
Iron (as Fe) 铁盐(以 Fe 计)	≤0.003	<0.003
Heavy metals(Pb) 重金属	≤0.0015	<0.0015
Conclusion 结论	The test result of the above mentioned product meets USP36 standard. 符合 USP36 版	
Storage Condition 储存条件	Preserve in tight containers at controlled room temperature. 室温 密封保存	
Shelf Life 保质期	2Years when properly stored 适当储存下 2 年	

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