

质量报告单

Certificate of Analysis

产品名称/Product Name	L-酪氨酸/L-Tyrosine		
CAS 号/CAS No.	60-18-4	数量 /Quantity	5000kg
生产日期/Manufacture Date	2022/05/015	有效期/Shelf Life	2025/05/015
执行标准/Standard Adopted	企业标准/Enterprise Standard		
分析项目/Items of Analysis	质量标准/Specification	实测结果/Results	
外观/Appearance	白色结晶或结晶性粉末 White crystals or crystalline powder	White crystalline powder	
鉴别(红外)/Identification (IR)	Infrared absorption spectrum	符合/Conforms	
比旋度/Specific rotation $[\alpha]_D^{25}$	-9.8° ~ -11.2°	-10.6°	
氯化物/Chloride(Cl)	≤400ppm	符合/Conforms	
硫酸盐/Sulfate(SO ₄)	≤400ppm	符合/Conforms	
铁/Iron	≤30ppm	符合/Conforms	
铅/Lead	<3ppm	符合/Conforms	
镉/Cadmium	<1ppm	符合/Conforms	
汞/Mercury	<0.1ppm	符合/Conforms	
砷盐/Arsenic	≤1.5ppm	符合/Conforms	
重金属 /Heavy metals(Pb)	≤15ppm	符合/Conforms	
炽灼残渣 /Residue on ignition	≤0.4%	0.01%	
干燥失重 /Loss on drying	≤0.3%	0.09%	
含量/Assay	98.5%-101.5%	101.03%	
纯度 (HPLC) /Purity (HPLC)	≥98.0%	99.87%	
单杂/Any individual impurity	≤0.5%	符合/Conforms	
菌落总板数/Total plate count	≤1000cfu/g	符合/Conforms	
酵母菌和霉菌/Yeast & Mould	≤100cfu/g	符合/Conforms	
大肠埃希氏菌/ <i>Escherichia coli</i> .	Negative	符合/Conforms	
致泻大肠埃希氏菌/ <i>Coliforms</i>	In 25 g n.d.	符合/Conforms	
金黄色葡萄球 / <i>Staphylococcus aureus</i>	In 25 g n.d.	符合/Conforms	
沙门氏菌/ <i>Salmonella</i>	In 25 g n.d.	符合/Conforms	
结论/Conclusion	合格/Qualified		

检验人员: 刘修政

审核人员: 王唯铂莱

日期: 2022/05/15

