

质量报告单

Certificate of Analysis

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|---|--|--------------------------|-------------|
| 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 /Escherichia coli. | Negative | 符合/Conforms | |
| 致泻大肠埃希氏菌/Coliforms | In 25 g n.d. | 符合/Conforms | |
| 金黄色葡萄球 /Staphylococcus aureus | In 25 g n.d. | 符合/Conforms | |
| 沙门氏菌/Salmonella | 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: 李维

日期: 2022/05/15

