

CERTIFICATE OF ANALYSIS

杭州唯泰生物药业有限公司

分析报告单

| | | | |
|---|---|-----------------------|---|
| Product Name: 品名 | Adenosine 5'-triphosphate disodium salt 三磷酸腺苷二钠 (ATP-Na ₂) | | |
| Manufacture Date: 生产日期 | 2021-12-08 | CAS No: | 987-65-5 |
| Test Date: 检测日期 | 2021-12-09 | Batch No: 批号 | 20211208 |
| Retest Date: 有效期 | 2023-12-07 | Batch Quantity: 批量 | 300kg |
| Items 项目 | Specifications 检测标准 | | Results 结论 |
| Appearance 外观 | White Powder or off white Powder or crystal Powder 白色或类白色粉末或结晶状物 | | Conforms 符合 |
| Identification 鉴别 | Have the largest absorption at 257±2nm wavelength 在 262±2nm 的波长处应有最大吸收 A ₂₅₀ / A ₂₆₀ =0.79-0.89 A ₂₈₀ / A ₂₆₀ =0.17-0.27 | | 257.1nm A ₂₅₀ / A ₂₆₀ =0.83 A ₂₈₀ / A ₂₆₀ =0.22 |
| | Yields the flame reaction characteristic of sodium salts 本品的水溶液显钠盐的鉴别反应 | | Conforms 符合 |
| Clarity and color of solution 溶液澄清度与颜色 | Clarity, colorless 应澄清无颜色 | | Conforms 符合 |
| Related content 有关物质 | Total impurities≤5.0% 杂质总量≤5.0% | | 0.43% |
| | Other impurities≤1.0% 其他杂质≤1.0% | | 0.02% |
| | ADP≤0.15% | | 0.1% |
| | AMP≤0.03% | | Negative |
| PH | 2.5-3.5 | | 3.1 |
| Watercontent 水分 | 6.0%-12.0% | | 7.6% |
| Chloride 氯化物 | ≤0.05% | | <0.05% |
| Iron salt 铁盐 | ≤0.001% | | <0.001% |
| Heavy metals 重金属 | ≤0.001% | | <0.001% |
| Bacterial Endotoxins 细菌内毒素 | <1.25EU/mg | | Conforms 符合 g |
| Content (Dry Basis) 含量 (折干) | ≥95.0% | | 99.2% |
| Purity | ≥98.0% | | 99.4% |
| Conclusion: | Conforms to the requirements. | | |
| Storage: 储存条件 | Keep dry and away from light 干燥避光保存 | | |

Analyst :

guan.d

Checker:

h.xu

QC Manager:

h.zhou

