

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-Na2)		
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
Water content 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	< 1.25 EU/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*

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