



HANGZHOU FORTUNE BIOPHARM CO.,LTD.

杭州泛青生物医药有限公司

Certificate of Analysis

Product: Adenosine Disodium Triphosphate（ATP）		
Batch No.: 180103		Quantity:200kg
Date of Manufacture: Jan.13,2018		Date of Expire: Jan.12,2020
Analysis according: Chinese pharmacopeica,Edition 2015,Part II		
Items	Requirements	Results
Characters	Powder or crystal, white,smell-less;soluble in water,insoluble in ethanol.	Conforms
Identification (1) Chemical reaction (2) IR Assay BURING	Positive Positive Accord with the spectrum 903 Show sodium flame	Conforms Conforms Conforms Conforms
Acidity	2.5~3.5 (5% in H ₂ O)	3.0
Clarity&color of solution	Clarifying ,colorless	Conforms
Related substance	≤5.0%	0.80%
Water content	6.0%~12.0%	8.5%
Chlorides	≤0.05%	Conforms
Iron	≤0.001%	Conforms
Heavy metals	≤10ppm	Conforms
Endotoxin	≤2.0EU/mg	Conforms
Purity(HPLC)	≥98.0%	99.1%
Dry content (C ₁₀ H ₁₄ O ₁₃ N ₅ Na ₂ P ₃)	≥95.0%	98.7%
Conclusion: Conforms to above standard.		
Storage: Store in cool & dry place, do not freeze. Keep away from strong light and heat		
Shelf life: 2 years when properly stored.		

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