



## Certificate of Analysis-Adenosine 5'-monophosphate

CAS: 61-19-8

Batch Number: *FTF0240826*    Batch Quantity: 600kg

Manufacture Date: Aug.24<sup>th</sup>,2024    Analysis Date: Aug.25<sup>th</sup>,2024    Certificate Date: Aug.26<sup>th</sup>,2024

**Storage**    Store in cool & dry place. Store in well-closed containers.  
**Shelf life**    3 years when properly stored.

Items		Requirements	Results
性状 Characteristics		白色结晶性粉末 White,crystalline powder	符合 Complies
鉴别 Identification	HPLC	主峰保留时间与对照一致 Conforms to the Rt of Standard	符合 Complies
	UV	UV(A250/260)=0.82~0.86 UV(A280/260)=0.20~0.24	0.83 0.24
透光率 Transmittance		≥97.0%	99.5%
干燥失重 Loss on drying		≤6.0%(w/w)	3.9%
重金属 Heavy Metals		≤10ppm(w/w)	<10ppm
pH		2.5~3.5	2.9
砷 Arsenic		≤2ppm(w/w)	<2ppm
铁 Iron		≤20ppm(w/w)	<20ppm
总杂质 HPLC Total Impurities		≤2.0%	1.0%
纯度 HPLC Purity (HPLC)		≥98.0%	98.8%

**Conclusion:** Conform with enterprise specification .

QC MANAGER: 刘娟    INSPECTOR: 黄子烨

