

## Certificate of analysis

### Adenosine 5'-monophosphate

CAS No	61-19-8	Code	BIOJAD5M001
Batch No	231215	Manufacture Date	Dec.15, 2023
Expiry Date	Nov. 2025	Quantity	5Kgs

Testing Items	Specifications	Results
Description	White or almost white crystalline powder, slightly soluble in water, insoluble in ethanol.	Complies
Identification(UV)	Have the largest absorption at 257±1nm wavelength A <sub>250</sub> /A <sub>260</sub> =0.82~0.88 A <sub>280</sub> /A <sub>260</sub> =0.19~0.23	257.0nm A <sub>250</sub> /A <sub>260</sub> =0.85 A <sub>280</sub> /A <sub>260</sub> =0.20
pH Value	2.0~3.5	2.9
Transmittance of solution	≥95.0%	99.2%
Loss on drying	≤6.0%	3.1%
Heavy metals	≤10ppm	Complies
Total plate count	≤600cfu/g	Complies
Assay(UV)	≥98.0%	99.2%
Purity(HPLC)	≥98.0%	99.1%
Conclusion	This product conforms to in-house standard	

**\*Storage: Store at 0~8°C, Protect from moisture and light.**