

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-27 20:21:58  
Date of Next Testing: 2026-07-26 20:21:58  
Product Name: **5'-AMP-Na2**  
CAS Number: 4578-31-8  
Specifications & Purity: 99%  
Lot #: G2222054  
SKU #: **A100357**  
**Analysis:** **097972**  
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=1 in 0.5M Na <sub>2</sub> HPO <sub>4</sub> in dry base)	-45--41 (°)	-43.62°
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Water by Karl Fischer	0-26 (%)	3.83 %
Purity(HPLC)	99-100 (%)	99.47500 %
Appearance (A100357)	white crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager