

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-11 11:48:12  
Date of Next Testing: 2027-04-10 11:48:12  
Product Name: **5'-AMP-Na2**  
CAS Number: 4578-31-8  
Specifications & Purity: 99%  
Lot #: F1918201  
SKU #: **A100357**  
**Analysis:** **208957**  
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 (°)	-44.95°
Heavy metal (as Pb)	0-0.001 (%)	0.00%
Water by Karl Fischer	0-26 (%)	22.50%
Purity(HPLC)	99-100 (%)	99.11550%
Appearance (A100357)	white crystalline powder	white crystalline powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager