

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-11 10:09:13

Date of Next Testing: 2026-08-10 10:09:13

Product Name: **5'-UMP-Na2**

CAS Number: 3387-36-8

Specifications & Purity: $\geq 99\%$

Lot #: H2206112

SKU #: **U106892**

Version: **1**

Analysis #: **102162**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Transmission(c=1, 430 nm)	95-100 (%)	97.10 %
A250/A260	0.71-0.77	0.73
Spectrophotometry(abs.max.at 262nm; $\epsilon = 10.000 \pm 2\%$,pH7)	98-100 (%)	98.56 %
Heavy metal (as Pb)	0-10 (ppm)	5.30 ppm
Water by Karl Fischer	0-26 (%)	13.10 %
Purity(HPLC)	98-100 (%)	99.31800 %
A280/A260	0.36-0.4	0.38
Appearance (U106892)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
TLC Analysis	One spot	One spot



John Su
QA & QC Manager