

Certificate of Analysis

Date of Testing: 2023-01-05 13:26:26

Date of Next Testing: 2027-01-04 13:26:26

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

CAS Number: 3387-36-8

Specifications & Purity: 99%

Lot #: C1911194

SKU #: **U106892**

Analysis: **174513**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Transmission(c=1, 430 nm)	95-100 (%)	95.62 %
A250/A260	0.71-0.77	0.73
Spectrophotometry(abs.max.at 262nm; ϵ = 10.000 $\pm$ 2%,pH7)	98-100 (%)	98.14 %
Heavy metal (as Pb)	0-10 (ppm)	5.00 ppm
Water by Karl Fischer	0-26 (%)	12.60 %
Purity(HPLC)	98-100 (%)	98.15600 %
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