

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-02 11:01:05

Date of Next Testing: 2024-03-01 11:01:05

Product Name: **Pyrophosphatase, Inorganic (yeast)**

CAS Number:

Specifications & Purity: pharmaceutical grade, PharmPure™, ≥95%, 0.1U/μl

Lot #: B2320504

SKU #: **P489053**

Version: **1**

Analysis #: **151535**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	95-100 (%)	100.00000 %
pH	7.5-8.5	8.00000
Activity	98-102 (IU/ml OR u/ml)	100.00000 IU/ml OR u/ml
Host Protein Residue	< 50 (ppm)	0.00000 ppm
Heavy metals	0-10 (ppm)	3.00000 ppm
Endo-Nuclease residual	< 10 (%)	1.20000 %
Exo-Nuclease residual	< 10 (%)	1.70000 %
RNase residual	< 10 (%)	5.60000 %
Exogenous DNA residue	< 100(μg/kg OR ng/g)	0.00400 μg/kg OR ng/g
Bacterial endotoxins	< 5 (EU/mg)	4.80000 EU/mg
Appearance(P489053)	colorless liquid	Colorless liquid
Mycoplasma Detection	negative	Negative



John Su
QA & QC Manager