

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-01 16:03:01

Date of Next Testing: 2027-06-30 16:03:01

Product Name: **4-Nitrophenyl Phosphate Di(tris) Salt Hydrate [Substrate for Phosphatase] (PNPP,2TRIS)**

CAS Number: 68189-42-4

Specifications & Purity: $\geq 90\%$ (T)

Lot #: F2320394

SKU #: N159885

Version: 1

Analysis #: 206488

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	90-102.5 (%)	99.70000 %
Alkaline Phosphatase detection test	to pass test	to pass test
Appearance(N159885)	White to Orange to Green powder to crystalline	White to Orange to Green powder to crystalline
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager