

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-21 16:12:16

Date of Next Testing: 2025-05-16 16:12:16

Product Name: **5-Phospho-D-ribose 1-diphosphate pentasodium salt**

CAS Number: 108321-05-7

Specifications & Purity: $\geq 75\%$

Lot #: K2212334

SKU #: **P111888**

Version: **0**

Analysis #: **360584**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent content (GC)	0-4 (%)	3.00 %
Sodium(anhydrous basis) by ICP	18-26 (%)	19.00 %
Water by Karl Fischer	0-18 (%)	12.00 %
Enzymatic Purity(Dry Basis)	75-100 (%)	95.98 %
Appearance (P111888)	White Powder and Chunks	White Powder and Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager