

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-03 15:20:46
Date of Next Testing: 2024-01-29 15:20:46
Product Name: **5-Phospho-D-ribose 1-diphosphate pentasodium salt**
CAS Number: 108321-05-7
Specifications & Purity: $\geq 75\%$
Lot #: J2009421
SKU #: **P111888**
Analysis: 182626
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent content (GC)	0-4 (%)	2.35 %
Sodium(anhydrous basis) by ICP	18-26 (%)	19.00 %
Water by Karl Fischer	0-18 (%)	9.98 %
Enzymatic Purity(Dry Basis)	75-100 (%)	75.00 %
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