

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-18 13:03:51
 Date of Next Testing: 2026-04-13 13:03:51
 Product Name: **5-Phospho-D-ribose 1-diphosphate pentasodium salt**
 CAS Number: 108321-05-7
 Specifications & Purity: $\geq 75\%$
 Lot #: D2503493
 SKU #: **P111888**
 Version: **0**
 Analysis #: **486944**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent content (GC)	0-4 (%)	2.10 %
Sodium(anhydrous basis) by ICP	18-26 (%)	19.21 %
Water by Karl Fischer	0-18 (%)	14.80 %
Enzymatic Purity(Dry Basis)	75-100 (%)	98.80 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (P111888)	White Powder and Chunks	White Powder and Chunks
Solubility in H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager