

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-22 15:44:21
Date of Next Testing: 2023-11-17 15:44:21
Product Name: **5-Phospho-D-ribose 1-diphosphate pentasodium salt**
CAS Number: 108321-05-7
Specifications & Purity: $\geq 75\%$
Lot #: K2212343
SKU #: **P111888**
Analysis: 137988
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Sodium(anhydrous basis) by ICP	18-26 (%)	19.00%
Water by Karl Fischer	0-18 (%)	12.00%
Enzymatic Purity(Dry Basis)	75-100 (%)	97.00%
Solvent content (GC)	0-4 (%)	4.00%
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