

Certificate of Analysis

Date of Testing: 2024-11-13 10:36:25
Date of Next Testing: 2025-11-08 10:36:25
Product Name: **5-Phospho-D-ribose 1-diphosphate pentasodium salt**
CAS Number: 108321-05-7
Specifications & Purity: $\geq 75\%$
Lot #: C23021113
SKU #: **P111888**
Version: **0**
Analysis #: **435550**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Solvent content (GC)	0-4 (%)	3.10%
Sodium(anhydrous basis) by ICP	18-26 (%)	19.30%
Water by Karl Fischer	0-18 (%)	13.60%
Enzymatic Purity(Dry Basis)	75-100 (%)	75.60%
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