

Certificate of Analysis

Date of Testing: 2022-08-12 09:17:10

Date of Next Testing: 2023-08-07 09:17:10

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

CAS Number: 108321-05-7

Specifications & Purity: ≥75%

Lot #: G2230384

SKU #: **P111888**

Analysis: **117734**

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% |
| Solvent content (GC) | 0-4 (%) | 3.00% |
| Enzymatic Purity(Dry Basis) | 75-100 (%) | 80.10% |
| 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