

Certificate of Analysis

Date of Testing: 2024-11-04 11:53:11

Date of Next Testing: 2027-11-04 11:53:11

Product Name: **Phosphocreatine disodium salt hydrate**

CAS Number: 922-32-7(anhydrate)

Specifications & Purity: $\geq 97\%$

Lot #: J2431334

SKU #: **P168254**

Version: **0**

Analysis #: **430293**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Titration by HClO_4)	96.5-103.5 (%)	99.33 %
Water by Karl Fischer	22-28 (%)	22.44 %
Sodium (Na)(anhydrous)	16.1-19.9 (%)	17.80 %
Appearance (P168254)	White powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H_2O , Colorless ,Clear ,50 mg/mL in H_2O	pass	Pass



John Su
QA & QC Manager