

Certificate of Analysis

Date of Testing: 2024-08-06 17:34:49

Date of Next Testing: 2027-08-06 17:34:49

Product Name: **Phosphocreatine disodium salt hydrate**

CAS Number: 922-32-7(anhydrate)

Specifications & Purity: 97%

Lot #: H2405264

SKU # **P168254**

Version **0**

Analysis #: **396273**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	96.5-103.5 (%)	98.81 %
Water by Karl Fischer	22-28 (%)	27.09 %
Sodium (Na)(anhydrous)	16.1-19.9 (%)	18.50 %
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 ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager