

Certificate of Analysis

Date of Testing: 2024-03-11 14:57:53

Date of Next Testing: 2027-03-11 14:57:53

Product Name: **Phosphocreatine disodium salt hydrate**

CAS Number: 922-32-7(anhydrate)

Specifications & Purity: 97%

Lot #: B2429176

SKU #: **P168254**

Analysis: **329331**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	96.5-103.5 (%)	98.03 %
Water by Karl Fischer	22-28 (%)	26.15 %
Sodium (Na)(anhydrous)	16.1-19.9 (%)	19.20 %
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