

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-07 14:02:33
Date of Next Testing: 2028-11-06 14:02:33
Product Name: **Phosphocreatine disodium salt hydrate**
CAS Number: 922-32-7(anhydrate)
Specifications & Purity: $\geq 97\%$
Lot #: K2506719
SKU #: **P168254**
Version: **0**
Analysis #: **611240**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(Titration by HClO_4)	96.5-103.5 (%)	99.86 %
Sodium (Na)(anhydrous)	16.1-19.9 (%)	17.60 %
Water by Karl Fischer	22-30 (%)	29.86 %
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