

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

## Certificate of Analysis

Date of Testing: 2026-04-29 17:17:45  
Date of Next Testing: 2029-04-28 17:17:45  
Product Name: **Phosphocreatine disodium salt hydrate**  
CAS Number: 922-32-7(anhydrate)  
Specifications & Purity:  $\geq 97\%$   
Lot #: D2624441  
SKU #: **P168254**  
Version: **0**  
Analysis #: **699821**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(Titration by $\text{HClO}_4$ )	96.5-103.5 (%)	99.33300%
Water by Karl Fischer	22-30 (%)	26.79060%
Sodium (Na)(anhydrous)	16.1-19.9 (%)	18.20000%
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 $\text{H}_2\text{O}$ , Colorless ,Clear ,50 mg/mL in $\text{H}_2\text{O}$	pass	Pass



John Su  
QA & QC Manager