

## Certificate of Analysis

Date of Testing: 2024-06-20 10:04:16

Date of Next Testing: 2027-06-20 10:04:16

Product Name: **Phosphocreatine disodium salt hydrate**

CAS Number: 922-32-7(anhydrate)

Specifications & Purity: 97%

Lot #: I2107301

SKU # **P168254**

Version **0**

**Analysis #:** **372655**

Storage Temperature: Store at -20°C

| Parameter                                                                       | Limit Values          | Result                |
|---------------------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(Titration by HClO <sub>4</sub> )                                         | 96.5-103.5 (%)        | 96.50 %               |
| Water by Karl Fischer                                                           | 22-28 (%)             | 22.00 %               |
| Sodium (Na)(anhydrous)                                                          | 16.1-19.9 (%)         | 16.10 %               |
| 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 <sub>2</sub> O , Colorless ,Clear ,50 mg/mL in H <sub>2</sub> O | pass                  | Pass                  |



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