## **Certificate of Analysis**

## Sodium creatine phosphate dibasic tetrahydrate

 Cat. No.:
 HY-D0885A

 CAS No.:
 71519-72-7

 Batch No.:
 145303

Chemical Name: Glycine, N-[imino(phosphonoamino)methyl]-N-methyl-, sodium salt, hydrate (1:2:4)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_4H_{16}N_3Na_2O_9P$ 

Molecular Weight: 327.14

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

NaO NH NAO H NAO H

H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O H<sub>2</sub>O

ANALYTICAL DATA

Appearance: White to off-white (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

**Purity (NMR):** ≥98.0%

**Conclusion:** The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA