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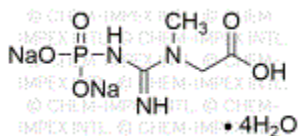
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 00072

Product

Creatine phosphate disodium salt tetrahydrate

Phosphocreatine disodium salt tetrahydrate

N-[Imino(phosphonoamino)methyl]-*N*-methylglycine disodium salt tetrahydrate

CAS Number 71519-72-7, 19333-65-4

Molecular Formula $C_4H_8N_3O_5PNa_2 \cdot 4H_2O$

Appearance White to almost white crystalline powder

Solubility Clear colorless (C=10 in Water)

Water Content (Karl Fisher) 22 - 24%

pH 7.7-8.7 (C=1 in Water)

Assay $\geq 97\%$ (Enzymatic., dry basis)

Storage Store at 0 - 8 °C

Additional Information
Content of CP (enzyme.): $\geq 63.0\%$
Content of CP (from $P_{org.}$): $\geq 63.0\%$
Phosphorous ($P_{org.}$): $\geq 9.25\%$
Sodium content (flame photom.): 13.0-15.0%
Creatine, free (enzyme.): $\leq 0.5\%$
Glucose-6-P (enzyme.): $\leq 0.01\%$
Reaction rates (CK): 95-105%

For Laboratory Use Only