

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	00072
Lot Number	10216 120
Product	Creatine phosphate disodium salt tetrahydrate Phosphocreatine disodium salt tetrahydrate <i>N</i> -[Imino(phosphonoamino)methyl]- <i>N</i> -methylglycine disodium salt tetrahydrate
CAS Number	71519-72-7, 19333-65-4
Molecular Formula	C ₄ H ₈ N ₃ O ₅ PNa ₂ ·4H ₂ O

Appearance	White crystalline powder
Solubility	Clear, colorless solution (150 mg/mL water)
Water Content (Karl Fisher)	23.5%
pH	7.8 (10 mg/mL water)
Assay	99.7%
Storage	Store at 0 - 8 °C
Additional Information	Creatine-P (enzym.):64.3%, Creatine-P (from-P, org.):64.5% Na (Flame Photometry):14.5%, P- total 9.57%, P-org.: 9.47%, P-Inorg.(acid labile): 0.1%, Pi:0.2%, PPi(enzym.):0.01%, Sulfate (SO ₄) (qual.): Negative, Creatine, free (enzym.) 0.1%, Glc-6-P(enzym.):0.001%, PEP(enzym.): 0.01%, Pyruvate(enzym.):0.01 % ATP(enzym.;HK/G6P-DH):0.001%, A 334 (9mg/mL water):0.002 A 334 (6.6 mg/mL reaction mixt CK-NAC):0.003, A 340 (150 mg/mL water):0.004

Certificate of Analysis

Catalog Number: 00072

Lot Number: 10216 120

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager