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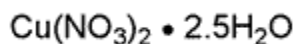
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number 30229

Product **Copper(II)nitrate hemi(pentahydrate)**

Cupric nitrate hemi(Pentahydrate)

CAS Number 19004-19-4

Molecular Formula $\text{Cu}(\text{NO}_3)_2 \cdot 2.5\text{H}_2\text{O}$

Molecular Weight 232.59

Appearance Blue solid

Solubility 140 g in 100 mL water at 0 °C.

Melting Point 112-115 °C

Anion Chloride (Cl^-): $\leq 0.002\%$
Sulfate (SO_4^{2-}): $\leq 0.01\%$

Cation Calcium (Ca): $\leq 0.005\%$
Iron (Fe): $\leq 0.005\%$
Lead (Pb): $\leq 0.001\%$
Nickel (Ni): $\leq 0.01\%$
Potassium (K): $\leq 0.005\%$
Sodium (Na): $\leq 0.01\%$

Insoluble material $\leq 0.01\%$

Assay by titration 98.0-102.0%

Grade ACS reagent

Application It is used in preparation of copper standard solutions.

Storage Store at RT

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For Laboratory Use Only