

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 30095
Lot Number 001785-2140828
Product **Copper(II) acetate monohydrate**

Cupric acetate monohydrate

CAS Number 6046-93-1
Molecular Formula C₄H₆CuO₄•H₂O

Molecular Weight 199.7

Appearance Blue-green or dark green solid

Solubility 7.2 g in 100 mL at 20 °C in water

Melting Point ~115 °C

Anion Chloride (Cl⁻): < 0.003%
Sulfate (SO₄²⁻): < 0.005%

Cation Calcium (Ca): 0.001%
Iron (Fe): 0.0005%
Nickel (Ni): 0.0014%
Potassium (K): 0.0017%
Sodium (Na): 0.009%

Insoluble material < 0.002%

Assay by titration 99.9%

Grade ACS

Application Used in preparation of Fehling's reagent for sugars

Storage Store at RT

Additional Information Substances not precipitated by hydrogen sulfide (as sulfates): < 0.01%
Ammonium sulfide metals other than iron: < 0.01%

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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