

# Chem-Impex International, Inc.

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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

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## Certificate of Analysis

<b>Catalogue Number</b>	35516
<b>Lot Number</b>	000052-27-028
<b>Product</b>	<b>Copper(II) nitrate hydrate</b> Cupric nitrate hydrate
<b>CAS Number</b>	13778-31-9
<b>Molecular Formula</b>	$\text{Cu}(\text{NO}_3)_2 \cdot x\text{H}_2\text{O}$
<b>Molecular Weight</b>	187.56 (anhydrous basis)

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<b>Appearance</b>	Blue crystals
<b>Related Substances</b>	Ag, Al, Au, As, Ba, Be, Bi, Cd, Ce, Co, Cr, Cs, Dy, Er : < 1 ppm Eu, Ga, Gd, Ge, Hf, Ho, In, K, La, Li, Mg, Mn, Mo, Na : < 1 ppm
<b>Assay</b>	24.9% (Cu content)
<b>Purity</b>	99.999% (Trace metals basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Nb, Nd, Ni, Pb, Pd, Pr, Pt, Rb, Re, Rh, Ru, Sb, Sc, Sm : < 1 ppm Sn, Sr, Ta, Tb, Te, Ti, Tl, Tm, V, W, Yb, Y, Zn, Zr : < 1 ppm Ca : 5 ppm, Fe : 2 ppm,
<b>Remarks</b>	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