



CERTIFICATE OF ANALYSIS

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1. Identification

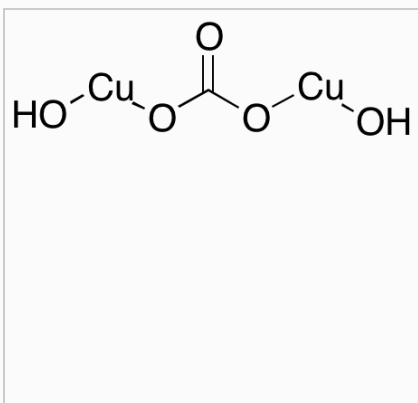
Catalogue Number: C685285

CAS Number: 12069-69-1

Synonym: $[\mu\text{-}[\text{Carbonato}(2\text{-})\text{-}\kappa\text{O}:\kappa\text{O}']]\text{dihydroxydicopper}$; Copper Carbonate Hydroxide; (Carbonato)dihydroxydicopper; $[\mu\text{-}[\text{Carbonato}(2\text{-})\text{-}\text{O}:\text{O}']]\text{dihydroxydicopper}$; Carbonic Acid Copper Complex; Basic Copper Carbonate; Basic Copper Carbonate; Basic Copper(II) Carbonate; Basic Cupric Carbonate; Carbonatodihydroxodicopper; Basic Carbonic Acid Copper(2+) Salt (1:1); Cheshunt Compound; Copper Basic Carbonate; Copper Carbonate Hydroxide; Copper Dihydroxide Carbonate; Copper Hydroxide Carbonate;

Product: Copper(II) Carbonate Dihydroxide

Structure:



Molecular Formula:

$\text{CH}_2\text{Cu}_2\text{O}_5$

Molecular weight:

221.12

Source of Product:

N/A

Solubility:

Acetonitrile (Slightly),
Aqueous Acid (Sparingly),
Water (Soluble)

Lot Number: 2023-HAB-103

Purity: N/A

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

Green to Blue Solid

Green to Blue Solid

Elemental Analysis Conforms

%C: 5.41, %H: 0.89

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	11/29/2023	11/27/2027
				