



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: C685370

CAS Number: 7758-99-8

Product: Copper(II) Sulfate Pentahydrate

Synonym: Sulfuric acid copper(2+) Salt (1:1) Pentahydrate; Copper Sulfate (CuSO₄) Pentahydrate; Copper Sulfate Pentahydrate; Copper(2+) Sulfate Pentahydrate; Copper(II) Sulfate Pentahydrate; Cupric Sulfate Pentahydrate

Structure: 

Molecular Formula:

CuSO₄•5[H₂O]

Molecular weight:

249.68

Source of Product:

N/A

Solubility:

Water (Slightly)

Lot Number: 711770867-2-1

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	Light Blue to Dark Blue Solid	Blue Solid
Sulfate Content	Report Result	38.3%
Water Content	Report Result	26.4% by Karl Fischer

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 ± 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	1/12/2024	1/10/2028

