

## Certificate of Analysis

Date of Testing: 2025-01-20 17:06:08

Date of Next Testing: 2028-01-20 17:06:08

Product Name: **Copper(II) nitrate hemipentahydrate**

CAS Number: 19004-19-4

Specifications & Purity:  $\geq 98\%$

Lot #: A2514533

SKU #: **C305280**

Version: **2**

Analysis #: **465610**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                           | Limit Values            | Result                  |
|---------------------------------------------------------------------|-------------------------|-------------------------|
| Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 98-102(%)               | 98.71 %                 |
| Water by Karl Fischer                                               | 18.5-19.8 (%)           | 18.85 %                 |
| Appearance(C305280)                                                 | Blue powder to Crystals | Blue powder to Crystals |
| X-Ray Diffraction                                                   | Conforms to structure   | Conforms to Structure   |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager