



CERTIFICATE OF ANALYSIS

Product: Cupric Nitrate, Hemipentahydrate, Technical Grade
Catalog Number: C1046
Lot Number: 1162411
Manufacture Date: 04/14/23
CAS #: 19004-19-4
Chemical Formula: $\text{Cu}(\text{NO}_3)_2 \cdot 2.5\text{H}_2\text{O}$
Formula Weight: 232.6

| Characteristic | Unit | Value | Specification | |
|----------------|------|-------|---------------|-------|
| | | | Min | Max |
| Copper | % | 27.2 | 26.0 | 30.0 |
| Assay | % | 99.6 | 95.0 | 109.9 |
| Iron | ppm | 29 | - | 100 |
| Lead | ppm | 1 | - | 50 |
| Chloride | ppm | 10 | - | 50 |
| Sulfate | ppm | 10 | - | 100 |
| H2O Insolubles | ppm | 59 | - | 100 |

It is certified on 04/19/24 that the above is a true copy of the actual lot analysis.

Grant Christen
Quality Systems and Regulatory Affairs
Rocky Mountain Reagents, Inc.

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