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Certificate of Analysis

Product Description: Cupric Chloride Dihydrate, ACS_
Catalog Number: 152514_
Lot: 2268J_

Formula: $\text{CuCl}_2 \cdot 2 \text{H}_2\text{O}$

CAS #: 10125-13-0

Physical Description: Blue Crystalline Powder

Formula Weight: 170.48

Storage: Room Temperature, desiccate

| Test | Specification | Result |
|------------------|----------------|---------|
| Insoluble Matter | $\leq 0.01\%$ | 0.0048% |
| Nitrate | $\leq 0.015\%$ | 0.009% |
| Sulfate | $\leq 0.005\%$ | 0.0025% |
| Nickel | $\leq 0.01\%$ | 0.0015% |
| Iron | $\leq 0.005\%$ | 0.0044% |
| Potassium | $\leq 0.01\%$ | 0.0016% |
| Calcium | $\leq 0.005\%$ | 0.0018% |
| Sodium | $\leq 0.02\%$ | 0.0012% |
| Purity | $\geq 99\%$ | 99.23% |

Arsenic: 0.5 ppm

05/16/2006 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

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