

## Certificate of Analysis

**Product Name:** AMMONIUM TETRACHLOROCUPRATE(II) DIHYDRATE  
puriss., >= 99.0 % AT

**Product Number:** 00634

**Batch Number:** BCBT5027

**Brand:** Sigma-Aldrich

**CAS Number:** 10060-13-6

**Formula:**  $(\text{NH}_4)_2\text{CuCl}_4 \cdot 2\text{H}_2\text{O}$

**Formula Weight:** 277.47

**Quality Release Date:** 03 JAN 2017

**Recommended Retest Date:** NOV 2022

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	BLUE-GREEN OR GREEN-BLUE	BLUE-GREEN
APPEARANCE (FORM)	POWDER OR CRYSTALS	CRYSTALS
REDOX TITRATION	99.0 - 101.0 %	99.8 %
REDOXTITRATION (METHOD)	IODOMETRIC	IODOMETRIC
IRON (ICP)	≤ 20 MG/KG	< 20 MG/KG
TOTAL SULFUR AS SO <sub>4</sub> (ICP)	≤ 50 MG/KG	< 100 MG/KG



Dr. Claudia Geitner  
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Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.