

3050 Spruce Street, Saint Louis, MO 63103, USA

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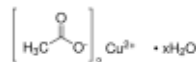
Outside USA: eurtechserv@sial.com

Certificate of Analysis

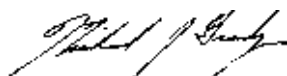
Product Name:

Copper(II) acetate monohydrate - 99.99% trace metals basis

Product Number: 229601
Batch Number: MKCD9169
Brand: ALDRICH
CAS Number: 6046-93-1
MDL Number: MFCD00149570
Formula: C₄H₆CuO₄ · H₂O
Formula Weight: 199.65 g/mol
Quality Release Date: 01 SEP 2017



Test	Specification	Result
Appearance (Color)	Blue to Blue-Green	Blue-Green
Appearance (Form)	Powder or Crystals	Crystals
X-Ray Diffraction	Conforms to Structure	Conforms
Copper (Cu)	31.3 - 32.5 %	31.7 %
Purity	Meets Requirements	Meets Requirements
99.99% Based On Trace Metals Analysis		
Trace Metal Analysis	≤ 150.0 ppm	113.0 ppm
Silver (Ag)		1.5 ppm
Aluminum (Al)		0.5 ppm
Barium (Ba)		0.1 ppm
Calcium (Ca)		7.9 ppm
Cadmium (Cd)		0.5 ppm
Iron (Fe)		0.9 ppm
Iridium (Ir)		87.9 ppm
Magnesium (Mg)		0.4 ppm
Manganese (Mn)		0.3 ppm
Lead (Pb)		4.7 ppm
Strontium (Sr)		< 0.1 ppm
Zinc (Zn)		8.3 ppm



Michael Grady, Manager
Quality Control

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.

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Product Number: 229601
Batch Number: MKCD9169

Milwaukee, WI US

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