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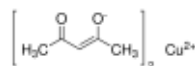
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Copper(II) acetylacetonate - ≥99.9% trace metals basis

Product Number: 514365
Batch Number: MKBX5772V
Brand: ALDRICH
CAS Number: 13395-16-9
MDL Number: MFCD00000016
Formula: C₁₀H₁₄CuO₄
Formula Weight: 261.76 g/mol
Quality Release Date: 08 FEB 2016



Test	Specification	Result
Appearance (Color)	Blue	Blue
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Complexometric EDTA % Copper	23.4 - 25.1 %	23.8 %
ICP Major Analysis Confirms Copper Component	Confirmed	Conforms
Purity > = 99.9% Based on Trace Metal Analysis	Meets Requirements	Meets Requirements
Trace Metal Analysis	≤ 1000.0 ppm	206.5 ppm
Silver (Ag)		8.6 ppm
Boron (B)		0.4 ppm
Barium (Ba)		0.2 ppm
Calcium (Ca)		70.1 ppm
Iron (Fe)		38.7 ppm
Iridium (Ir)		49.7 ppm
Magnesium (Mg)		5.5 ppm
Sodium (Na)		18.2 ppm
Strontium (Sr)		0.5 ppm
Zinc (Zn)		14.7 ppm

Michael Grady, Manager

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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Quality Control
Milwaukee, WI US

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