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Certificate of Analysis

Product Name:

Copper(II) sulfate pentahydrate – plant cell culture tested, ≥98%

Product Number: C3036
Batch Number: SLBS1253V
Brand: SIGMA
CAS Number: 7758-99-8
MDL Number: MFCD00149681
Formula: CuO4S · 5H2O
Formula Weight: 249.69 g/mol
Quality Release Date: 16 SEP 2016
Recommended Retest Date: SEP 2018

CuSO₄ · 5H₂O

Test	Specification	Result
Appearance (Color)	Blue	Blue
Appearance (Form)	Powder	Powder
Solubility (Color)	Blue	Blue
Solubility (Turbidity)	Clear	Clear
100 mg/mL, H2O		
% Purity (Titration)	≥ 98	99
Atomic Emission by ICP	≤ 0.01 %	< 0.00 %
Iron		
Plant Cell Culture Test	Pass	Pass



Rodney Burbach, Manager
Analytical Services
St. Louis, Missouri US

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.