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Certificate of Analysis

Catalogue Number	30242
Lot Number	002154-2016-053-1
Product	Copper(II) chloride dihydrate

Cupric chloride dihydrate

CAS Number	10125-13-0
Molecular Formula	$\text{CuCl}_2 \cdot 2\text{H}_2\text{O}$
Molecular Weight	170.5

Appearance	Blue crystals
Solubility	Clear and colorless (10% in water)
Melting Point	100 °C (dec)
Anion	Sulfate (SO_4^{2-}): < 0.005%
Cation	Nitrogen (N): < 0.004% Arsenic (As): 0.0001% Calcium (Ca): 0.00044% Iron (Fe): 0.00062% Lead (Pb): 0.00023% Nickel (Ni): 0.0001% Sodium (Na): 0.0029% Barium (Ba): 0.000035%
pH	3.29 (5% solution)
Insoluble material	0.0021% (in Water)
Assay	99.36% (Metal basis)
Grade	AR Grade
Application	Preparation of copper standard solutions; test for molybdenum
Storage	Store at RT

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Lot Number: 002154-2016-053-1

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager