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Certificate of Analysis

Catalogue Number	30229
Lot Number	002154-2016-009
Product	Copper(II)nitrate hemi(pentahydrate)

Cupric nitrate hemi(Pentahydrate)

CAS Number	19004-19-4
Molecular Formula	$\text{Cu}(\text{NO}_3)_2 \cdot 2.5\text{H}_2\text{O}$
Molecular Weight	232.59

Appearance	Blue solid
Solubility	140 g in 100 mL water at 0 °C.
Melting Point	112-115 °C
Anion	Chloride (Cl ⁻): 0.0005% Sulfate (SO ₄ ²⁻): 0.005%
Cation	Calcium (Ca): 0.00032% Iron (Fe): 0.00011% Lead (Pb): 0.000127% Nickel (Ni): 0.00081% Potassium (K): 0.00141% Sodium (Na): 0.0017%
Insoluble material	0.0024%
Assay by titration	99.68%
Grade	ACS reagent
Application	It is used in preparation of copper standard solutions.
Storage	Store at RT

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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



Bala Kumar
Quality Control Manager