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Certificate of Analysis

Catalogue Number 30100
Product **Cobalt(II) acetate tetrahydrate**

Lot Number 002154-2016-020
Cobaltous acetate tetrahydrate

CAS Number 6147-53-1
Molecular Formula $C_4H_6CoO_4 \cdot 4H_2O$

Molecular Weight 249.1

Appearance Dark pink to red pink crystalline powder
Solubility Soluble in water
Melting Point On heating, becomes anhydrous by 140 °C (Approx.)
Anion Chloride (Cl⁻): 0.0002%
Nitrate (NO₃⁻): < 0.01%
Sulfate (SO₄²⁻): < 0.005%
Cation Calcium (Ca): 0.00074%
Copper (Cu): Not detected
Iron (Fe): 0.00056%
Lead (Pb): Not detected
Magnesium (Mg): 0.00036%
Nickel (Ni): 0.017%
Potassium (K): 0.00011%
Sodium (Na): 0.0009%
Zinc (Zn): 0.002%
Insoluble material 0.0041%
Assay by titration 98.43%
Grade ACS reagent
Application Used as a catalyst for oxidation and esterification.
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