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Certificate of Analysis

Catalogue Number 30294
Product **Zinc nitrate hexahydrate**

Lot Number 002154-2016-030

CAS Number 10196-18-6

Molecular Formula $Zn(NO_3)_2 \cdot 6H_2O$

Molecular Weight 297.48

Appearance White crystals

Anion Chloride (Cl⁻): 0.00005%
Sulfate (SO₄²⁻): < 0.00005%

Cation Calcium (Ca): 0.000064%
Cadmium (Cd): Not Detected
Copper (Cu): Not Detected
Iron (Fe): 0.000001%
Magnesium (Mg): 0.0000071%
Nickel (Ni): Not Detected
Sodium (Na): 0.00002%
Potassium (K): 0.0000085%
Lead (Pb): < 0.000005%

pH 3.43 (5% solution at 25 °C)

Assay by titration 99.84%

Grade AR Grade

Application Used as a mordant in dyeing and chemical synthesis of coordination polymers

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