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Certificate of Analysis

Catalogue Number	01601
Lot Number	002251-02015
Product	Ammonium iron(III) sulfate dodecahydrate

Ammonium ferric sulfate dodecahydrate

Ferric ammonium sulfate

CAS Number	7783-83-7
Molecular Formula	$\text{FeNH}_4(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
Molecular Weight	482.19

Appearance	Violet solid
Solubility	Soluble in water
Melting Point	37 °C (Approx.)
Anion	Chloride (Cl ⁻): < 0.001% Nitrate (NO ₃ ⁻): < 0.01%
Cation	Calcium (Ca): 0.0006% Copper (Cu): 0.0002% Magnesium (Mg): 0.0004% Potassium (K): 0.0025% Sodium (Na): 0.003% Zinc (Zn): 0.0001% Ferrous iron (Fe ²⁺): Passes test
Insoluble material	≤ 0.01%
Assay by titration	99.96%
Grade	ACS reagent
Application	Indicator for argentimetric titrations.
Storage	Store at RT

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Catalog Number: 01601

Lot Number: 002251-02015

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