

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01232
Lot Number	001920-00313
Product	Ammonium iron(II) sulfate hexahydrate Ammonium ferrous sulfate hexahydrate Ferrous ammonium sulfate hexahydrate
CAS Number	7783-85-9
Molecular Formula	$\text{Fe}(\text{NH}_4)_2(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
Molecular Weight	392.1

Appearance	Pale blue-green crystals
Solubility	Soluble in water.
Anion	Phosphate (PO_4^{3-}): < 0.003%
Cation	Calcium (Ca): 0.0002% Copper (Cu): 0.0004% Magnesium (Mg): 0.0001% Manganese (Mn): 0.008% Potassium (K): 0.0004% Sodium (Na): 0.0002% Zinc (Zn): 0.0003% Ferric ion (Fe^{3+}): < 0.01%
Insoluble material	0.004%
Assay by titration	100.98%
Grade	ACS reagent
Application	Used as analytical standard.
Storage	Store at RT
Additional Information	Source: synthetic

Certificate of Analysis

Catalog Number: 01232

Lot Number: 001920-00313

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