

# Chem-Impex International, Inc.

---

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

---

## Certificate of Analysis

<b>Catalogue Number</b>	35593
<b>Lot Number</b>	000873-0829
<b>Product</b>	<b>Ammonium iron(II) sulfate hexahydrate</b> Ferrous ammonium sulfate hexahydrate Ammonium ferrous sulfate hexahydrate
<b>CAS Number</b>	7783-85-9
<b>Molecular Formula</b>	$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
<b>Molecular Weight</b>	392.1

---

<b>Appearance</b>	Light green crystals
<b>Trace Metal Analysis</b>	8.1 ppm
<b>Related Substances</b>	Ag : 0.2 ppm, Al : 1.3 ppm, B : 1.4 ppm Ca : 0.5 ppm, Cd : 0.2 ppm, Co : 0.6 ppm Mg : 0.2 ppm, Mn : 0.5 ppm, Mo : 0.5 ppm Na : 2.3 ppm, Pb : 0.5 ppm, Ti : 0.1 ppm
<b>Assay by titration</b>	14.7% (Iron content by KMNO4)
<b>Purity</b>	99.997% (Trace metals basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	ICP major analysis : Iron and Sulfur : Passes test
<b>Remarks</b>	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