

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001398-01)

**Release Date:** 19/10/2024

**Re-test Date:** 18/10/2027

## **Ammonium iron(II) sulfate hexahydrate**

### **Identification**

**Chemical Name :**

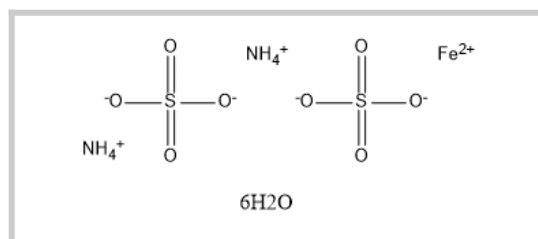
diammonium iron(II) sulfate hexahydrate

**CAT No.** : KMM001398

**CAS No.** : 7783-85-9

**Molecular Formula** :  $\text{FeH}_{20}\text{N}_2\text{O}_{14}\text{S}_2$

**Molecular Weight** : 392.14



### **Analytical Information**

**Batch No.** : M001398-073-414

**Solubility** : Water

**Description** : Light Green Solid

**Assay By Titration** : 98.8 %

**Weight Loss By KF** : 27.41 %

**% Potency** : 71.72 %

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency** =  $[100 - 27.41(\text{Weight Loss By KF})] \times [98.8(\text{Assay By Titration})]/100 = 71.72 \%$

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		23/10/2024