

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001398-01)

Release Date: 19/10/2024

Re-test Date: 18/10/2027

## Ammonium iron(II) sulfate hexahydrate

### Identification

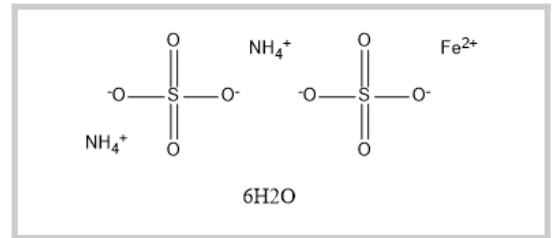
**Chemical Name :**  
diammonium iron(II) sulfate hexahydrate

**CAT No.** : KMM001398

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

**Molecular Formula** : FeH<sub>20</sub>N<sub>2</sub>O<sub>14</sub>S<sub>2</sub>

**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(Weight Loss By KF)] x [98.8(Assay By Titration)]/100 = 71.72 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		23/10/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		23/10/2024