

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001022-01)

Release Date: 16/05/2024

Re-test Date: 15/05/2027

## Ammonium iron(III) sulfate dodecahydrate

### Identification

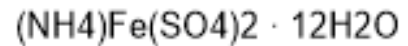
**Chemical Name :**  
ammonium iron(III) sulfate dodecahydrate

**CAT No. :** KMM001022

**CAS No. :** 7783-83-7

**Molecular Formula :** H4NFeO8S2

**Molecular Weight :** 482.19



### Analytical Information

**Batch No. :** BCCK5070

**Description :** Faint Purple

**Assay By Titration :** 99.00 %

**Weight Loss By TGA :** 13.11 %

**% Potency :** 86.02 %

**Solubility :** Water

**IR :** Confirm

**Melting Point :** 41 deg. C

### 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 =**  $[100 - 13.11(\text{Weight Loss By TGA})] \times [99.00(\text{Assay By Titration})]/100 = 86.02 \%$

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		21/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		21/05/2024

**Attachments :** COA, ASSAY BY TITRATION, IR and TGA