

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001022-02)

Release Date: 30/12/2024

Re-test Date: 29/12/2027

Ammonium iron(III) sulfate dodecahydrate

Identification

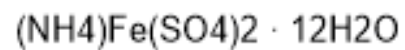
Chemical Name :
ammonium iron(III) sulfate dodecahydrate

CAT No. : KMM001022

CAS No. : 7783-83-7

Molecular Formula : H₄NFeO₈S₂

Molecular Weight : 482.19



Analytical Information

Batch No. : M001022-091-101

Description : Faint Purple

Assay By Titration : 93.7 %

Weight Loss By TGA : 9.83 %

% Potency : 84.49 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 9.83(Weight Loss By TGA)] x [93.7(Assay By Titration)]/100 = 84.49 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/02/2025
Reviewed & Approved By	Quality Control	Parag Patel		01/02/2025

Attachments : COA, MASS, ¹H NMR, IR and TGA