

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001022-01)

Release Date: 16/05/2024

Re-test Date: 15/05/2027

Ammonium iron(III) sulfate dodecahydrate

Identification

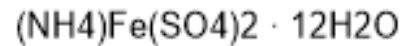
Chemical Name :
ammonium iron(III) sulfate dodecahydrate

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