



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: C262570

CAS Number: 10378-47-9

Product: Ceric Ammonium Sulfate Dihydrate

Synonym: Ammonium Cerium Sulfate
((NH₄)₄Ce(SO₄)₄) Dihydrate

Structure: (NH₄)₄Ce(SO₄)₄ • 2(H₂O)

Molecular Formula:

(NH₄)₄Ce(SO₄)₄ • (2H₂O)

Molecular weight:

596.52 + (36.03)

Source of Product:

N/A

Solubility:

Water (Slightly)

Lot Number: 5-FGD-575-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Yellow to Orange Solid	Yellow Solid
Elemental Analysis	Conforms	%H: 3.17, %N: 8.97
FT-IR	Conforms to Structure	Conforms
Water Content	Report Result	6.3% by Karl Fischer
Sulfate Content	Report Result	47.8%
Ammonium Content	Report Result	11.4%

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	12/12/2023	12/10/2027