



Certificate of Analysis

Product

**61315 - Aluminium Ammonium Sulphate Dodecahydrate
extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% -
[7784-26-1]**

Batch No

6613267

Analysis Date

24-Jul-2022

Date of Manufacture

July 2022

Expiry Date/Re-Test Date

July 2027

Molecular Formula

AlNH₄(SO₄)₂.12H₂O

Molecular Weight

453.32

Test Parameters	Standards	Actual Results
ExiPlus	Meets compendial specs of USP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay	min. 99.5%	99.6%
pH (5% aq. solution)	~ 3.0	3.23
Insoluble matter	max. 0.005%	0.002%
Chloride (Cl)	max. 0.001%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Phosphate (PO ₄)	max. 0.001%	Passes
Copper (Cu)	max. 0.0005%	Passes
Silicate (SiO ₂)	max. 0.001%	Passes
Potassium (K)	max. 0.02%	Passes