

PHINE KEMIKALS INDIA

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Product Specification

Product Name: Aluminium Ammonium Sulfate 12-hydrate LR

CAS No: 7784-26-1

Alternate Name: Ammonia Alum

Molecular Formula: AlNH₄(SO₄)₂.12H₂O

Molecular Weight: 453.33 g/mol HS Code: 2833 30 10 Odour: Odourless

Appearance: Solid crystals and/or crystalline powder

Density: 1.64 g/cm³

Bulk density: $\sim 700 - 800 \text{ kg/m}^3$

Melting Point: ~93°C (release of water of crystallization)

Storage: Without limitations

<u>Sr No</u>	Test Parameter	Value
1.	Test Solution (5g in 50ml water)	Solution is clear and colourless
2.	pH value (5% w/v solution in water)	> 3.0
3.	Assay, as AINH ₄ (SO ₄) ₂ .12H ₂ O	99% min.
4.	Chloride, as Cl	0.005% max.
5.	Heavy Metals, as Pb	0.005% max.
6.	Iron, as Fe	0.005% max.
7.	Sodium, as Na	0.2% max.

Original Re-Release: July 2016 Amendment No: - Original

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