

PHINE KEMIKALS INDIA

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Product Specification

Product Name: Aluminium Sulfate 16-hydrate ACS

CAS No: 16828-11-8

Molecular Formula: Al₂(SO₄)₃.16H₂O Molecular Weight: 630.39 g/mol HS Code: 2833 22 10 Odour: Odourless

Appearance: White Solid powder and/or crystals

Density: 1.72 g/cm^3 Bulk density: $\sim 820 \text{ kg/m}^3$

Melting Point: ~90°-95° C (release of water of crystallization)

Storage: Without limitations

Agglomerates on prolonged storage

<u>Sr No</u>	Test Parameter	Value
1.	Test Solution (5g in 50ml water)	Solution is clear and colourless
2.	Assay, as Al ₂ (SO ₄) ₃ .16H ₂ O	98.0-102.0% min.
3.	Water Insoluble matter	0.01% max.
4.	Chloride, as Cl	0.005% max.
5.	Calcium, as Ca	0.01% max.
6.	Heavy Metals, as Pb	0.001% max.
7.	Iron, as Fe	0.002% max.
8.	Magnesium, as Mg	0.002% max.
9.	Potassium, as K	0.005% max
10.	Sodium, as Na	0.02% max.

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