

Odour:

PHINE KEMIKALS INDIA

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Product Specification

Product Name: **Aluminium Potassium Sulfate 12-hydrate ACS**

CAS No: 7784-24-9 Alternate Name: Potash Alum Molecular Formula: AIK(SO₄)₂.12H₂O Molecular Weight: 479.39 g/mol 2833 30 00 HS Code:

Appearance: Solid crystals and/or crystalline powder

Odourless

Density: 1.75 g/cm³ ~900 kg/m³ Bulk density:

Melting Point: ~92.5°C (release of water of crystallization)

Storage: Without limitations

<u>Sr No</u>	Test Parameter	<u>Value</u>
1.	Test Solution (5g in 50ml water)	Solution is clear and colourless
2.	Assay, as AIK(SO ₄) ₂ .12H ₂ O	98.0 – 102.0%
3.	Water Insoluble matter	0.005% max.
4.	Chloride, as Cl	5 ppm max.
5.	Ammonium, as NH ₄	0.005% max.
6.	Heavy Metals, as Pb	0.001% max.
7.	Iron, as Fe	0.001% max.
8.	Sodium, as Na	0.02% max.

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

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