



## Product Specification

Product Name:	<b>Aluminium Sulfate 16-hydrate AR</b>
CAS No:	16828-11-8
Molecular Formula:	$Al_2(SO_4)_3 \cdot 16H_2O$
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 <sup>3</sup>
Bulk density:	~820 kg/m <sup>3</sup>
Melting Point:	~90°-95° C (release of water of crystallization)
Storage:	Without limitations Agglomerates on prolonged storage

<u>Sr No</u>	<u>Test Parameter</u>	<u>Value</u>
1.	Test Solution (10% w/v solution in water)	Solution is clear and colourless
2.	pH value (5% w/v solution in water)	2.5 – 3.5
3.	Assay, as $Al_2(SO_4)_3 \cdot 16H_2O$	99.5 – 101.0%
4.	Chloride, as Cl	0.001% max.
5.	Ammonium, as NH <sub>4</sub>	0.01% max.
6.	Arsenic, as As	0.0003% max.
7.	Copper, as Cu	0.0006% max.
8.	Heavy Metals, as Pb	0.001% max.
9.	Iron, as Fe	0.004% max.
10.	Potassium, as K	0.005% max
11.	Sodium, as Na	0.05% max.