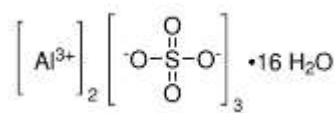


ALUMINIUM SULPHATE AR/ACS, (HEXADECAHYDRATE) MEETS ANALYTICAL SPECIFICATION OF IP, BP, USP, PH. EUR.

PRODUCT CODE	454555	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(16828-11-8)	
ATOMIC OR MOLECULAR FORMULA	Al ₂ (SO ₄) ₃ ·16H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	630.38	
PROPERTIES	--	

PARAMETER	LIMIT
Description	White crystals or powder.
Solubility	5% solution in water is not more opalescence than std OS ₃ and colourless.
Identification	Passes tests.
Assay (Complexometric)	99.5 - 102.0%
[As Al ₂ (SO ₄) ₃]	54.0 - 59.0%
pH of (2% solution in water)	2.5 to 4.0

MAXIMUM LIMIT OF IMPURITIES	
Water	41 – 46%
Insoluble matter	0.005%
Alkalies & alkaline earth metals	0.4%
Ammonium (NH ₄)	0.02%
Chloride (Cl)	0.005%
Arsenic (As)	0.0003%
Calcium (Ca)	0.01%
Copper (Cu)	0.005%
Heavy metals (as Pb)	0.001%
Iron (Fe)	0.002%
Lead (Pb)	0.001%
Magnesium (Mg)	0.002%
Potassium (K)	0.005%
Sodium (Na)	0.02%
Organic volatile impurities	Meets the requirement .

Note(s) : Assay (if applicable) method mentioned.

WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal: -----	IMDG Code : -- UN No. : -- IATA : --
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Hazard Pictogram(s) :-----

Replace Date 10-Apr-2026