

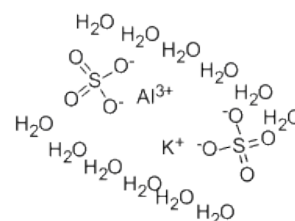


Product Specification

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

PRODUCT CODE	454465
SYNONYMS	(Potash Alum)
C.I. NO.	--
CASR NO.	(7784-24-9)
ATOMIC OR MOLECULAR FORMULA	AlK(SO₄)₂.12H₂O
ATOMIC OR MOLECULAR WEIGHT	474.38
PROPERTIES	MP - 92°C, loses water at 64.5°C. Noncombustible.



PARAMETER LIMIT

Description	Colourless/white crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification	To pass the test.
Minimum assay (Complexometric)	99.5%
pH (of 5% soln in water)	3.0 - 3.5

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 400°C)	43 – 46%
Insoluble matter	0.005%
Ammonium (NH ₄)	0.005%
Chloride (Cl)	0.0005%
Arsenic (As)	0.0002%
Cadmium (Cd)	0.0005%
Copper (Cu)	0.0005%
Iron (Fe)	0.0005%
Heavy metals (as Pb)	0.0005%

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

WARNING Hazard statements : Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ---	IMDG Code : -- UN No. : -- IATA : --
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Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

Hazard Pictogram(s) :

Replace Date 17-Aug.-2021