

RM3880 Aluminium nitrate nonahydrate, ACS

Product Number Packing

RM3880 : 500G

Product Information

Product Code : RM3880
Product Name : Aluminium nitrate nonahydrate, ACS
Molecular Formula : $\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$
Molecular Weight : 375.13
CAS No. : 7784-27-2
EC No. : 236-751-8
HS Code : 2834 29 80
Shelf Life : 4 years

Technical Specification

Appearance : Colourless or white deliquescent crystals or solid
Solubility : 100 mg soluble in 1 mL of water
pH (5% in water at 25°C) : 2.50 - 3.50
Magnesium (Mg) : $\leq 0.001\%$
Chloride (Cl) : $\leq 0.001\%$
Heavy metals (as Pb) : $\leq 0.001\%$
Iron (Fe) : $\leq 0.002\%$
Sulphate (SO_4) : $\leq 0.005\%$
Calcium (Ca) : $\leq 0.005\%$
Potassium (K) : $\leq 0.002\%$
Sodium (Na) : $\leq 0.005\%$
Insoluble matter : $\leq 0.005\%$
Assay (EDTA-back Titration) : 98.00 - 102.00 %

GHS Safety Information

Hazard Statement(s) : H315-H319
Precautionary Statement(s) : P305+P351+P338
Signal Word : Warning
Hazard Pictogram(s)



Risk and Safety Information

R-Phrase(s) : 8-36/38
S-Phrase(s) : 17-26-36
WGK : 1
RTECS : BD1050000
Storage Temperature(°C) : Store below 30°C

Hazard Symbol(s)



Transport Information

UN No. : 1438
Class : 5.1
Packaging Group : 3
Marine Pollutant : No
ADR/RID : 1438 5.1/PG 3
IMDG : 1438 5.1/PG 3
IATA : 1438 5.1/PG 3