

Aluminium sulphate hydrate

GRM10691


Product Identifier

CAS No.	:	17927-65-0
EC No.	:	233-135-0
Molecular Formula	:	$\text{Al}_2(\text{SO}_4)_3 \cdot x\text{H}_2\text{O}$
Molecular Weight	:	342.15 (anhydrous basis)
HS Code	:	2833 22 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white lustrous crystals or powder or masses
Solubility	:	33.3 mg soluble in 1 mL of water
pH (2% in water at 25°C)	:	2.50 - 4.00
Alkalis and alkaline-earth metals	:	$\leq 0.4\%$
Ammonium (as NH_4)	:	Passes test
Arsenic (As)	:	$\leq 0.0003\%$
Heavy metals (as Pb)	:	$\leq 0.004\%$
Iron (Fe)	:	$\leq 0.01\%$
Assay ($\text{Al}_2(\text{SO}_4)_3$, EDTA back-Titration)	:	51.00 - 59.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H290- H318
Precautionary Statement(s)	:	P280- P305+P351+P338+P310
UN No.	:	3260
Class	:	8
Packing Group	:	III
WGK	:	1