

Ferric ammonium sulfate dodecahydrate, Hi-AR™/ACS

GRM10944


Product Identifier

CAS No.	:	7783-83-7
EC No.	:	233-382-4
Molecular Formula	:	$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
Molecular Weight	:	482.19
HS Code	:	2815 20 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Pale violet crystals or solid
Solubility	:	33.3 mg soluble in 1 mL of water
Insoluble matter	:	$\leq 0.01\%$
Chloride (Cl)	:	$\leq 0.001\%$
Nitrate (NO_3)	:	$\leq 0.01\%$
Calcium (Ca)	:	$\leq 0.01\%$
Copper (Cu)	:	$\leq 0.003\%$
Magnesium (Mg)	:	$\leq 0.005\%$
Potassium (K)	:	$\leq 0.005\%$
Sodium (Na)	:	$\leq 0.02\%$
Zinc (Zn)	:	$\leq 0.003\%$
Ferrous Iron (Fe^{2+})	:	Passes test
Assay (Iodometry)	:	99.00 - 102.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H318
Precautionary Statement(s)	:	P280- P305+P351+P338- P310
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	WS5900000
WGK	:	1