

GRM3887 Ammonium ferrous sulphate hexahydrate, Hi-AR™/ACS**Product Number Packing**

GRM3887 : 500G

Product Information

Product Code : GRM3887
Product Name : Ammonium ferrous sulphate hexahydrate, Hi-AR™/ACS
Synonym : Ammonium iron (II) sulphate; Mohr's salt
Molecular Formula : $(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
Molecular Weight : 392.14
CAS No. : 7783-85-9
EC No. : 233-151-8
HS Code : 2842 90 80
Shelf Life : 4 years

Technical Specification

Appearance : Light green to blue or blue-green crystals or powder or solid
Solubility : 100 mg soluble in 1 mL of water + 0.1 mL of H_2SO_4
Magnesium (Mg) : $\leq 0.002\%$
Calcium (Ca) : $\leq 0.005\%$
Zinc (Zn) : $\leq 0.003\%$
Ferric ion (Fe^{3+}) : $\leq 0.01\%$
Copper (Cu) : $\leq 0.003\%$
Sodium (Na) : $\leq 0.02\%$
Phosphate (PO_4) : $\leq 0.003\%$
Potassium (K) : $\leq 0.002\%$
Manganese (Mn) : $\leq 0.01\%$
Water insoluble matter : $\leq 0.01\%$
Assay (KMnO_4 Titration) : 98.50 - 101.50%

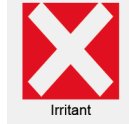
GHS Safety Information

Hazard Statement(s) : H315-H319-H335
Precautionary Statement(s) : P261-P305+P351+P338
Signal Word : Warning
Hazard Pictogram(s)

**Risk and Safety Information**

R-Phrase(s) : 36/37/38
S-Phrase(s) : 26-36
WGK : 1
RTECS : BR6500000
Storage Temperature(°C) : Store below 30°C

Hazard Symbol(s)



Transport Information

Marine Pollutant : No
ADR/RID : Not Dangerous Goods
IMDG : Not Dangerous Goods
IATA : Not Dangerous Goods