

Ferrous sulphate heptahydrate, Hi-AR[®]

GRM1377


Product Identifier

CAS No.	:	7782-63-0
EC No.	:	231-753-5
Molecular Formula	:	FeSO ₄ .7H ₂ O
Molecular Weight	:	278.01
HS Code	:	2833 29 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Light blue or blue-green or green solid or crystals or powder
Solubility	:	100 mg soluble in 1 mL of water + 0.1 mL of H ₂ SO ₄
pH (5% in water at 20°C)	:	3.00 - 4.00
Calcium (Ca)	:	<= 0.005%
Chloride (Cl)	:	<= 0.001%
Phosphate (PO ₄)	:	<= 0.001%
Magnesium (Mg)	:	<= 0.002%
Manganese (Mn)	:	<= 0.05%
Copper (Cu)	:	<= 0.005%
Ferric ion (Fe ³⁺)	:	<= 0.1%
Zinc (Zn)	:	<= 0.005%
Insoluble matter	:	<= 0.01%
Potassium (K)	:	<= 0.002%
Sodium (Na)	:	<= 0.02%
Assay (KMnO ₄ Titration)	:	99.00 - 104.50%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H315- H319
Precautionary Statement(s)	:	P270- P280- P301 + P312- P302 + P352- P305+P351+P338- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	NO8510000
WGK	:	1

Other Information

After opening, Protect the material from air and moisture.

