

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

AMMONIUM FERROUS SULPHATE AR/ACS HEXAHYDRATE

PRODUCT CODE	R01102	
SYNONYMS	(Mohr's salt),(Ammonium iron (II) sulphate),(Ferrous ammonium sulphate)	
C.I. NO.	—	
CASR NO.	7783-85-9	
ATOMIC OR MOLECULAR FORMULA	$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$	
ATOMIC OR MOLECULAR WEIGHT	392.13	$(\text{NH}_4)_2\text{Fe}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$
PROPERTIES	Insoluble in alcohol, decomposes at 100 - 110°C, deliquescent, affected by light.	
PARAMETER	LIMIT	
Description	Pale greenish blue crystals or crystalline powder.	
Solubility	10% solution in freshly boiled and cooled water and dilute sulphuric acid is clear.	
Minimum assay (Redox Titration)	99.0%	
pH of (5% solution in water)	3.0 - 5.0	
MAXIMUM LIMIT OF IMPURITIES		
Insoluble matter	0.003%	
Chloride (Cl)	0.001%	
Phosphate (PO ₄)	0.002%	
Copper (Cu)	0.002%	
Ferric ion (Fe ³⁺)	0.02%	
Lead (Pb)	0.001%	
Manganese (Mn)	0.05%	
Zinc (Zn)	0.003%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING	IMDG Code :--	
Hazard statements: Not hazardous. No hazards.	UN No. :--	
Precautionary statements	IATA :--	
Prevention: -----		
Response: -----		
Disposal: -----		
Hazard Pictogram(s) :-----		
<p>GHS05 GHS07</p>		

Replace Date 1 April 2023

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