



ISO 9001:2008 Co.



Rehsiff Scientific®

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

AMMONIUM FERRIC SULPHATE AR/ACS DODECAHYDRATE

PRODUCT CODE	R03159
SYNONYMS	Ammonium iron (III) sulphate, Iron alum
C.I. NO.	—
CASR NO.	7783-83-7
ATOMIC OR MOLECULAR FORMULA	$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
ATOMIC OR MOLECULAR WEIGHT	482.18
PROPERTIES	Melting point -39°C; Lilac to violet, efflorescent crystals.
PARAMETER	LIMIT
Description	Pale violet or almost colourless crystals or crystalline powder.
Solubility	10% solution in water is clear.
Minimum assay (Iodometric)	99.0%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Chloride (Cl)	0.0003%
Calcium (Ca)	0.003%
Copper (Cu)	0.002%
Ferrous iron	No reaction
Lead	0.002%
Magnesium (Mg)	0.001%
Manganese (Mn)	0.001%
Zinc (Zn)	0.003%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ----- Response: ----- Disposal:----- Hazard Pictogram(s) :-----	IMDG Code : -- UN No. : -- IATA : --
 GHS05	
 GHS07	

Replace Date 1 April 2023

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