



Product Specification

cdhfinechemical.com

AMMONIUM FERRIC SULPHATE DODECAHYDRATE

PRODUCT CODE	027164
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.
Assay (Iodometric; ex Fe)	98-101%
MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.005%
Ferrous Iron	No reaction.
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements :May be harmful if swallowed . Precautionary statements Prevention : ----- Response : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	IMDG Code : UN No. : IATA :
Disposal : Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.	
Hazard Pictogram(s) :--	

