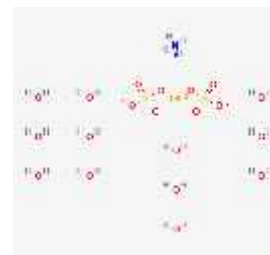


## AMMONIUM FERRIC SULPHATE AR/ACS DODECAHYDRATE

<b>PRODUCT CODE</b>	<b>457050</b>
<b>SYNONYMS</b>	Ammonium iron (III) sulphate, Iron alum
<b>C.I. NO.</b>	—
<b>CASR NO.</b>	7783-83-7
<b>ATOMIC OR MOLECULAR FORMULA</b>	$\text{NH}_4\text{Fe}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
<b>ATOMIC OR MOLECULAR WEIGHT</b>	482.18
<b>PROPERTIES</b>	Melting point $-39^\circ\text{C}$ ; 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.**

<b>WARNING</b>	IMDG Code : --
<b>Hazard statements:</b> Not hazardous. No hazards.	UN No. : --
<b>Precautionary statements</b>	IATA : --
<b>Prevention:</b> -----	
<b>Response:</b> -----	
<b>Disposal:</b> -----	
<b>Hazard Pictogram(s) :-</b> -----	

Replace Date 15-Sep.-2018