



Product Specification

Product Name: **AMMONIUM IRON(III) SULFATE Dodecahydrate AR**

Alternate Name(s) Ammonium ferric sulfate; ferric ammonium sulfate; iron (III) ammonium sulfate; alum iron; iron alum; ferric alum.
Description
Lilac to violet efflorescent, odourless crystals. Acid stypic taste.

Properties

Chemical Formula:

Molecular Weight: 482.19

Product Code: AA059

CAS No. 7783-83-7

General Information:

Soluble in water. Insoluble in alcohol. Non combustible material.

Hazard and Safety Data

UN Group: None Allocated
Class: None Allocated
UN Number: None Allocated
Hazchem code: None Allocated
CS MSDS Code: 1CHIE
Poison schedule: Not Scheduled
Emergency Procedure Guide No.: N/A

Quality Specification

Assay: 98.5 - 102.0%

Specific Properties and Impurities [Typical levels]:

Insoluble matter	≤ 0.01%
Chlorides (Cl)	≤ 0.001%
Nitrate (NO ₃)	≤ 0.01%
Calcium (Ca)	≤ 0.01%
Copper (Cu)	≤ 0.003%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.005%
Sodium (Na)	≤ 0.02%
Zinc (Zn)	≤ 0.003%
Ferrous iron (Fe ⁺⁺)	Passes test

CONFORMS TO ACS

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**38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au**

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