SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS

Ammonium ferric sulphate dodecahydrate AR/ACS

CAS No	7783-83-7
Molecular Formula	Fe(SO4)2NH4.12H2O
Molecular Weight	482.18
Product Code	700447G500
Grade	AR/ACS
Specification no	700447/R1/66
Effective date	19-01-2026
Review date	18-01-2031

TEST	SPECIFICATION
Appearance	Violet solid
Aqueous Solubility	Soluble in water
Assay	98.5 - 102.0%
Insoluble matter	Max. 0.01%
Chloride (Cl)	Max. 0.001%
Nitrate (NO3)	Max. 0.01%
Calcium (Ca)	Max. 0.01%
Copper (Cu)	Max. 0.003%
Magnesium (Mg)	Max. 0.005%
Potassium(K)	Max. 0.005%
Sodium (Na)	Max. 0.02%
Zinc (Zn)	Max. 0.003%
Ferrous ion (Fe2+)	Passes test

RYZE CHEMIE
Unit No. 13, 2nd Floor, Tower-C,
Plot No. C-39 A,
Gami Industrial Park,
Pawane MIDC, Navi Mumbai,
Maharashtra-400705, INDIA

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www.ryzechemie.com
+91- 99-3006-02-02