

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	42372
Lot Number	A0482586
Description	Ammonium iron(II) sulfate hexahydrate,99%,ACS reagent
CAS Number	7783-85-9
Quality Test/Release Date	20/Apr/2026
Suggested retest date	20/Apr/2029
Country of Origin	INDIA
Declaration of Origin	synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (Including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Appearance (Color)		Blue-green	Blue-green
Appearance (Form)		Crystals	Crystals
Titration with KMnO4	%	98.5 to 101.5	100.1
Insoluble matter	%	≤0.01	≤0.01
Copper (Cu)	%	≤0.003	≤0.003
Calcium (Ca)	%	≤0.005	0.000041
Zinc (Zn)	%	≤0.003	0.000095
Magnesium (Mg)	%	≤0.002	0.000098
Manganese (Mn)	%	≤0.01	0.0033
Potassium (K)	%	≤0.002	0.000055
Phosphate (PO4)	%	≤0.003	0.0003
Sodium (Na)	%	≤0.02	0.00025
Ferric iron (Fe 3+)	%	≤0.01	0.001
Ferric iron (Fe 3+)		May increase due to inherent oxidation on storage	May increase due to inherent oxidation on storage

Geert Torfs
Supervisor, QC

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.