



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 A0473540

Description Ammonium iron(II) sulfate hexahydrate,99%,ACS reagent

CAS Number 7783-85-9
Quality Test/Release Date 17/Jun/2025
Suggested retest date 17/Jun/2028
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	0.0085
Copper (Cu)	%	=<0.003	0.00009
Calcium (Ca)	%	=<0.005	0.0002
Zinc (Zn)	%	=<0.003	0.0002
Magnesium (Mg)	%	=<0.002	0.00005
Manganese (Mn)	%	=<0.01	0.004
Potassium (K)	%	=<0.002	0.001
Phosphate (PO4)	%	=<0.003	=<0.003
Sodium (Na)	%	=<0.02	0.0006
Ferric iron (Fe 3+)	%	=<0.01	=<0.01
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.