

## Certificate of Analysis

Date of Testing: 2024-06-24 17:12:51  
Date of Next Testing: 2028-06-23 17:12:51  
Product Name: **Ammonium iron citrate**  
CAS Number: 1185-57-5  
Specifications & Purity: Analytical Reagent, Fe: 20.5-22.5%  
Lot #: F2421047  
SKU #: **A100170**  
Version: **0**  
Analysis #: **085401**  
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.02 (%)	0.01 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.1 (%)	0.05 %
(As)Arsenic	0-0.0005 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.1 (%)	0.05 %
Iron(Fe)	20.5-22.5 (%)	22.27 %
Appearance (A100170)	Brown to Dark Red-Brown Powder, Crystals, Granules	Brown to Dark Red-Brown Powder, Crystals, Granules
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O, Yellow to Brown Clear 100mg/ml	pass	Pass



John Su  
QA & QC Manager