

Certificate of Analysis

Date of Testing: 2023-07-21 14:34:44
Date of Next Testing: 2027-07-20 14:34:44
Product Name: **Ammonium iron citrate**
CAS Number: 1185-57-5
Specifications & Purity: Analytical Reagent, Fe:20.5-22.5%
Lot #: F2315656
SKU #: **A100170**
Analysis: **213781**
Storage Temperature: Protected from light, Desiccated

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.02 (%)	0.01 %
Sulfate(SO ₄ ²⁻)	0-0.1 (%)	0.04 %
Iron(Fe)	20.5-22.5 (%)	21.90 %
(As)Arsenic	0-0.0005 (%)	0.00 %
Chloride (Cl ⁻)	0-0.1 (%)	0.04 %
Appearance (A100170)	Brown to Dark Red-Brown Powder, Crystals, Granules	Brown to Dark Red-Brown Powder, Crystals, Granules
Solubility in H ₂ O, Yellow to Brown Clear 100mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager