

## Certificate of Analysis

Date of Testing: 2024-10-22 17:35:54  
Date of Next Testing: 2028-10-21 17:35:54  
Product Name: **Reduced iron powder**  
CAS Number: 7439-89-6  
Specifications & Purity: AR, 100 mesh  
Lot #: J2415152  
SKU #: **I116359**  
Version: **0**  
Analysis #: **198896**  
Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Sulfate(SO42-)	0-0.06	0.01
Assay(Fe)	99-100 (%)	99.00%
Particle size	≥100 (mesh)	101.00 mesh
Solubility in H2O	0-0.03 (%)	0.01%
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00%
Insolubhe in sulfuric acid	0-0.1 (%)	0.01%
Appearance (I116359)	Silver or Grey Powder	Silver or Grey Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager