

## Certificate of Analysis

Date of Testing: 2023-02-18 15:47:06  
Date of Next Testing: 2027-02-17 15:47:06  
Product Name: **Reduced iron powder**  
CAS Number: 7439-89-6  
Specifications & Purity: reagent grade , 100 mesh  
Lot #: B2311863  
SKU #: **I116360**  
**Analysis:** **189706**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Solubility in H <sub>2</sub> O	0-0.1 (%)	0.03 %
Nitrogen by Elemental Analysis	0-0.01 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.15	0.05
Assay(Fe)	98-100 (%)	99.00 %
Insolubhe in sulfuric acid	0-0.5 (%)	0.10 %
Copper(Cu)	0-0.02 (%)	0.01 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager