

Certificate of Analysis

Date of Testing: 2024-01-10 09:08:48
Date of Next Testing: 2028-01-09 09:08:48
Product Name: **Reduced iron powder**
CAS Number: 7439-89-6
Specifications & Purity: reagent grade , 100 mesh
Lot #: A2405034
SKU #: **I116360**
Analysis: **312868**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Solubility in H ₂ O	0-0.1 (%)	0.03 %
Nitrogen by Elemental Analysis	0-0.01 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.15	0.05
Assay(Fe)	98-100 (%)	99.00 %
Insoluble 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