

Certificate of Analysis

Date of Testing: 2024-12-21 16:36:17

Date of Next Testing: 2028-12-20 16:36:17

Product Name: **Reduced iron powder**

CAS Number: 7439-89-6

Specifications & Purity: AR, 100 mesh

Lot #: L2412528

SKU #: **I116359**

Version: **0**

Analysis #: **420271**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Particle size	≥ 100 (mesh)	100.00 mesh
Assay(Fe)	99-100 (%)	99.00 %
Sulfate(SO ₄ ²⁻)	0-0.06	0.06
Solubility in H ₂ O	0-0.03 (%)	0.03 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00 %
Insoluble in sulfuric acid	0-0.1 (%)	0.08 %
Appearance (I116359)	Silver or Grey Powder	Silver or Grey Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager