

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-27 11:30:25  
Date of Next Testing: 2029-11-26 11:30:25  
Product Name: **Reduced iron powder**  
CAS Number: 7439-89-6  
Specifications & Purity: AR, 100 mesh  
Lot #: K2517575  
SKU #: **I116359**  
Version: **0**  
Analysis #: **602064**  
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)	100.00 mesh
Solubility in H2O	0-0.03 (%)	0.02 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00 %
Insolubhe in sulfuric acid	0-0.1 (%)	0.10 %
Appearance (I116359)	Silver or Grey Powder	Silver or Grey Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager