

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-11 17:58:01

Date of Next Testing: 2029-08-10 17:58:01

Product Name: **Reduced iron powder**

CAS Number: 7439-89-6

Specifications & Purity: AR, 100 mesh

Lot #: H2505301

SKU #: **I116359**

Version: **0**

Analysis #: **516368**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Assay(Fe)	99-100 (%)	99.00000 %
Sulfate(SO42-)	0-0.06	0.05000
Particle size	>=100(mesh)	102.00000 mesh
Solubility in H2O	0-0.03 (%)	0.02500 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00400 %
Insolubhe in sulfuric acid	0-0.1 (%)	0.09100 %
Appearance (I116359)	Silver or Grey Powder	Silver or Grey Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager