

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-13 16:44:49
Date of Next Testing: 2027-12-03 16:44:49
Product Name: **Reduced iron powder**
CAS Number: 7439-89-6
Specifications & Purity: $\geq 98\%$, 400 mesh
Lot #: L2505596
SKU #: **I116361**
Version: **2**
Analysis #: **472348**
Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Assay(Fe)	98-100 (%)	98.50000 %
sulfide (S ²⁻)	0-0.03 (%)	0.02300 %
Manganese(Mn)	0-0.45 (%)	0.25000 %
Particle size	350-450 (mesh)	400.00000 mesh
(As)Arsenic	0-5 (ppm)	4.00000 ppm
(Pb)Lead	0-20 (ppm)	15.00000 ppm
Zinc(Zn)	0-50 (ppm)	30.00000 ppm
Copper(Cu)	0-100 (ppm)	80.00000 ppm
Nickel(Ni)	0-500 (ppm)	450.00000 ppm
Insoluble matter in HCl	0-0.5 (%)	0.25000 %
Chloride (Cl ⁻)	0-20 (ppm)	15.00000 ppm
Appearance (I116361)	Grey powder	Grey powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager