

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-27 08:49:04

Date of Next Testing: 2028-03-16 08:49:04

Product Name: **Reduced iron powder**

CAS Number: 7439-89-6

Specifications & Purity: $\geq 98\%$, 400 mesh

Lot #: C2625566

SKU #: **I116361**

Version: **2**

Analysis #: **674508**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Assay(Fe)	98-100 (%)	98.50000 %
Insoluble matter in HCl	0-0.5 (%)	0.38000 %
Manganese(Mn)	0-0.45 (%)	0.25000 %
(As)Arsenic	0-5 (ppm)	4.50000 ppm
(Pb)Lead	0-20 (ppm)	16.00000 ppm
Chloride (Cl-)	0-20 (ppm)	18.00000 ppm
Zinc(Zn)	0-50 (ppm)	46.00000 ppm
Copper(Cu)	0-100 (ppm)	89.00000 ppm
Particle size	350-450 (mesh)	400.00000 mesh
Nickel(Ni)	0-500 (ppm)	420.00000 ppm
sulfide (S2-)	0-0.03 (%)	0.02600 %
Appearance (I116361)	Grey powder	Grey powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager