

Certificate of Analysis

Date of Testing: 2024-11-18 11:20:11
Date of Next Testing: 2026-11-08 11:20:11
Product Name: **Reduced iron powder**
CAS Number: 7439-89-6
Specifications & Purity: $\geq 98\%$, 400 mesh
Lot #: K2415603
SKU #: **I116361**
Version: **2**
Analysis #: **429958**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Fe)	98-100 (%)	98.50 %
sulfide (S ²⁻)	0-0.03 (%)	0.02 %
(As)Arsenic	0-5 (ppm)	5.00 ppm
(Pb)Lead	0-20 (ppm)	20.00 ppm
Chloride (Cl ⁻)	0-20 (ppm)	20.00 ppm
Zinc(Zn)	0-50 (ppm)	50.00 ppm
Copper(Cu)	0-100 (ppm)	80.00 ppm
Insoluble matter in HCl	0-0.5 (%)	0.45 %
Particle size	350-450 (mesh)	400.00 mesh
Nickel(Ni)	0-500 (ppm)	400.00 ppm
Manganese(Mn)	0-0.45 (%)	0.25 %
Appearance (I116361)	Grey powder	Grey powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager