

Certificate of Analysis

Date of Testing: 2025-06-06 13:32:05

Date of Next Testing: 2027-05-27 13:32:05

Product Name: **Reduced iron powder**

CAS Number: 7439-89-6

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

Lot #: E2523282

SKU #: **I116361**

Version: **2**

Analysis #: **472348**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Fe)	98-100 (%)	98.50 %
sulfide (S ²⁻)	0-0.03 (%)	0.02 %
Manganese(Mn)	0-0.45 (%)	0.25 %
Particle size	350-450 (mesh)	400.00 mesh
(As)Arsenic	0-5 (ppm)	4.00 ppm
(Pb)Lead	0-20 (ppm)	15.00 ppm
Zinc(Zn)	0-50 (ppm)	30.00 ppm
Copper(Cu)	0-100 (ppm)	80.00 ppm
Nickel(Ni)	0-500 (ppm)	450.00 ppm
Insoluble matter in HCl	0-0.5 (%)	0.25 %
Chloride (Cl ⁻)	0-20 (ppm)	15.00 ppm
Appearance (I116361)	Grey powder	Grey powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager