

Certificate of Analysis

Date of Testing: 2024-12-25 09:39:07

Date of Next Testing: 2026-12-15 09:39:07

Product Name: **Reduced iron powder**

CAS Number: 7439-89-6

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

Lot #: L2420978

SKU #: **I116361**

Version: **2**

Analysis #: **449137**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Assay(Fe)	98-100 (%)	98.50 %
Manganese(Mn)	0-0.45 (%)	0.25 %
sulfide (S ²⁻)	0-0.03 (%)	0.03 %
(As)Arsenic	0-5 (ppm)	3.50 ppm
(Pb)Lead	0-20 (ppm)	15.00 ppm
Zinc(Zn)	0-50 (ppm)	40.00 ppm
Copper(Cu)	0-100 (ppm)	70.00 ppm
Nickel(Ni)	0-500 (ppm)	400.00 ppm
Chloride (Cl ⁻)	0-20 (ppm)	15.00 ppm
Insoluble matter in HCl	0-0.5 (%)	0.25 %
Particle size	350-450 (mesh)	400.00 mesh
Appearance (I116361)	Grey powder	Grey powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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QA & QC Manager