

## Certificate of Analysis

Date of Testing: 2023-06-25 16:26:14  
Date of Next Testing: 2026-06-24 16:26:14  
Product Name: **Iron**  
CAS Number: 7439-89-6  
Specifications & Purity:  $\geq 99\%$ , reduced, powder (fine)  
Lot #: F2312220  
SKU #: **I433423**  
**Analysis:** **203641**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Assay (ICP)	99-100 (%)	99.45 %
Arsenic(As)	0-0.0005 (%)	0.00000 %
Nickel(Ni)	0-0.05 (%)	0.01 %
Zinc(Zn)	0-0.005 (%)	0.00 %
Manganese(Mn)	0-0.35 (%)	0.18 %
Copper(Cu)	0-0.01 (%)	0.01 %
Lead(Pb)	0-0.002 (%)	0.00 %
Sulfide(S)	0-0.01 (%)	0.00000 %
Appearance(I433423)	grey to black powder	grey to black powder
ICP: Confirms Iron Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager