

## Certificate of Analysis

Date of Testing: 2023-05-16 17:17:01  
Date of Next Testing: 2027-05-15 17:17:01  
Product Name: **Iron powder**  
CAS Number: 7439-89-6  
Specifications & Purity: 99.9% metals basis,100-300nm  
Lot #: E2310558  
SKU #: **I401575**  
Version: **2**  
Analysis #: **137286**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Particle size	100-300 (nm)	100.00 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.90%
total metallic impurities(by ICP Atomic emission)	0-1000 (ppm)	996.00 ppm
ICP: Confirms Iron Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
Appearance(I401575)	grey to black powder	grey to black powder



John Su  
QA & QC Manager