

Certificate of Analysis

Date of Testing: 2024-11-06 16:33:10
Date of Next Testing: 2028-11-05 16:33:10
Product Name: **Iron powder**
CAS Number: 7439-89-6
Specifications & Purity: $\geq 99.9\%$ metals basis, 100-300nm
Lot #: J2429222
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