

Certificate of Analysis

Date of Testing: 2025-02-24 14:50:37

Date of Next Testing: 2029-02-23 14:50:37

Product Name: **Iron powder**

CAS Number: 7439-89-6

Specifications & Purity: $\geq 99.9\%$ metals basis, 100-300nm

Lot #: B2519232

SKU #: **I401575**

Version: **2**

Analysis #: **461209**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
total metallic impurities(by ICP Atomic emission)	0-1000 (ppm)	800.00 ppm
Particle size	100-300 (nm)	150.00 nm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.92 %
Appearance(I401575)	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