

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-28 14:54:26

Date of Next Testing: 2026-03-27 14:54:26

Product Name: **Iron**

CAS Number: 7439-89-6

Specifications & Purity: Nano powder, wet powder, 25 nm average particle size, $\geq 99.5\%$ trace metals basis, iron content is about 16% - 19%

Lot #: C2309645

SKU #: **I434862**

Analysis: **183099**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Total Metallic Impuritie	0-5000 (ppm)	1691.00 ppm
Purity(Based On Trace Metals Analysis)	99.5-100 (%)	99.83 %
Particle size	20-30 (nm)	25.00 nm
Appearance(I434862)	Black Powder	black powder
ICP: Confirms Iron Component	Confirmed	Confirmed
X-Ray Diffraction	conforms to structure	Conforms to Structure



John Su
QA & QC Manager