

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-11 10:12:17

Date of Next Testing: 2026-05-01 10:12:17

Product Name: **Iron(II) sulfide**

CAS Number: 1317-37-9

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

Lot #: K2427286

SKU #: **I348904**

Version: **2**

Analysis #: **356399**

Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Titration by Na ₂ S ₂ O ₃)	61.6-65.4 (%)	64.83000 %
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95250 %
Trace Metal Analysis	0-1500 (ppm)	475.00000 ppm
Particle Size Distribution(-100 Mesh)	≥ 95 (%)	99.99000 %
Appearance (I348904)	Dark grey to brownish-grey to black powder	Dark grey to brownish-grey to black powder
ICP: Confirms Iron and Sulfur Component	Confirmed	Confirmed



John Su
QA & QC Manager