

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-30 15:19:01  
 Date of Next Testing: 2027-04-20 15:19:01  
 Product Name: **Iron(II) sulfide**  
 CAS Number: 1317-37-9  
 Specifications & Purity:  $\geq 99.9\%$  metals basis, -100 mesh  
 Lot #: D2524262  
 SKU #: **I348904**  
 Version: **2**  
 Analysis #: **493094**  
 Storage Temperature: Room temperature, Desiccated, Cool

| Parameter                                                           | Limit Values                               | Result                                     |
|---------------------------------------------------------------------|--------------------------------------------|--------------------------------------------|
| Purity(Based On Trace Metals Analysis)                              | 99.9-100 (%)                               | 99.97090 %                                 |
| Trace Metal Analysis                                                | 0-1500 (ppm)                               | 291.00000 ppm                              |
| Purity(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 61.6-65.4 (%)                              | 62.17270 %                                 |
| Particle Size Distribution(-100 Mesh)                               | $\geq 95$ (%)                              | 95.07000 %                                 |
| 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