

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-15 09:36:42

Date of Next Testing: 2029-12-14 09:36:42

Product Name: **Reduced iron powder**

CAS Number: 7439-89-6

Specifications & Purity: AR, 100 mesh

Lot #: L2508582

SKU #: **I116359**

Version: **0**

Analysis #: **602064**

Storage Temperature: Room temperature, Desiccated

| Parameter                      | Limit Values          | Result                |
|--------------------------------|-----------------------|-----------------------|
| Sulfate(SO42-)                 | 0-0.06                | 0.01500               |
| Assay(Fe)                      | 99-100 (%)            | 99.00000 %            |
| Particle size                  | >=100(mesh)           | 100.00000 mesh        |
| Solubility in H2O              | 0-0.03 (%)            | 0.02000 %             |
| Nitrogen by Elemental Analysis | 0-0.005 (%)           | 0.00420 %             |
| Insolubhe in sulfuric acid     | 0-0.1 (%)             | 0.10000 %             |
| Appearance (I116359)           | Silver or Grey Powder | Silver or Grey Powder |
| X-Ray Diffraction              | Conforms to Structure | Conforms to Structure |



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QA & QC Manager