

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-25 08:53:26
Date of Next Testing: 2029-09-24 08:53:26
Product Name: **Reduced iron powder**
CAS Number: 7439-89-6
Specifications & Purity: CP, 100 mesh
Lot #: I2515042
SKU #: **I116360**
Version: **0**
Analysis #: **583647**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|---|-----------------------|-----------------------|
| Solubility in H ₂ O | 0-0.1 (%) | 0.02 % |
| Nitrogen by Elemental Analysis | 0-0.01 (%) | 0.00 % |
| Sulfate(SO ₄ ²⁻) | 0-0.15 | 0.05 |
| Assay(Fe) | 98-100 (%) | 99.00 % |
| Insolubhe in sulfuric acid | 0-0.5 (%) | 0.08 % |
| Copper(Cu) | 0-0.02 (%) | 0.00 % |
| X-Ray Diffraction | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager