

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-18 10:47:01  
Date of Next Testing: 2026-03-17 10:47:01  
Product Name: **Reduced iron powder**  
CAS Number: 7439-89-6  
Specifications & Purity: reagent grade , 100 mesh  
Lot #: C2211190  
SKU #: **I116360**  
**Analysis: 083461**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Solubility in H <sub>2</sub> O	0-0.1 (%)	0.01 %
Nitrogen by Elemental Analysis	0-0.01 (%)	0.01 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.15	0.03
Assay(Fe)	98-100 (%)	99.82 %
Insoluble in sulfuric acid	0-0.5 (%)	0.07 %
Copper(Cu)	0-0.02 (%)	0.00 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager