

Certificate of Analysis

Date of Testing: 2025-04-07 13:37:35

Date of Next Testing: 2029-04-06 13:37:35

Product Name: **Reduced iron powder**

CAS Number: 7439-89-6

Specifications & Purity: AR, 100 mesh

Lot #: D2501357

SKU #: **I116359**

Version: **0**

Analysis #: **488277**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Assay(Fe)	99-100 (%)	99.00 %
Particle size	>=100(mesh)	100.00 mesh
Sulfate(SO42-)	0-0.06	0.05
Solubility in H2O	0-0.03 (%)	0.03 %
Nitrogen by Elemental Analysis	0-0.005 (%)	0.00 %
Insolubhe in sulfuric acid	0-0.1 (%)	0.08 %
Appearance (I116359)	Silver or Grey Powder	Silver or Grey Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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