

Certificate of Analysis

Date of Testing: 2024-12-21 16:43:32

Date of Next Testing: 2028-12-20 16:43:32

Product Name: **Reduced iron powder**

CAS Number: 7439-89-6

Specifications & Purity: CP, 100 mesh

Lot #: L2412525

SKU #: **I116360**

Version: **0**

Analysis #: **453507**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Solubility in H ₂ O	0-0.1 (%)	0.03 %
Nitrogen by Elemental Analysis	0-0.01 (%)	0.00 %
Sulfate(SO ₄ ²⁻)	0-0.15	0.06
Assay(Fe)	98-100 (%)	99.00 %
Insoluble in sulfuric acid	0-0.5 (%)	0.08 %
Copper(Cu)	0-0.02 (%)	0.01 %
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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