

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-11-24 11:37:11
Date of Next Testing:	2026-11-23 11:37:11
Product Name:	<b>Iron</b>
CAS Number:	7439-89-6
Specifications & Purity:	puriss. p.a., carbonyl-Iron powder, low in magnesium and manganese compounds, $\geq 99.5\%$ (RT)
Lot #:	K2320060
SKU #	<b>I434665</b>
<b>Analysis:</b>	<b>287494</b>
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Cadmium(Cd)	0-10 (ppm)	0.00 ppm
Cobalt(Co)	0-50 (ppm)	0.00 ppm
Chromium(Cr)	0-10 (ppm)	0.00 ppm
Copper(Cu)	0-50 (ppm)	0.00 ppm
Magnesium(Mg)	0-5 (ppm)	0.00 ppm
Manganese(Mn)	0-10 (ppm)	0.00 ppm
Nickel(Ni)	0-50 (ppm)	36.63 ppm
Lead(Pb)	0-50 (ppm)	0.00 ppm
Calcium(Ca)	0-50 (ppm)	30.64 ppm
Potassium(K)	0-50 (ppm)	49.90 ppm
Sodium(Na)	0-50 (ppm)	25.78 ppm
Zinc(Zn)	0-50 (ppm)	23.46 ppm
Assay(Permanganate Titration)	99.5-100.5 (%)	100.02000 %
Appearance(I434665)	Faint Grey to Very Dark Grey Powder	Faint Grey to Very Dark Grey Powder
Particle Size(5-9 um)	Pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager