LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Iron Powder 40 Mesh, Reduced, Reagent Grade
Item Number: IP40MRR
CAS#: 7439-89-6
Grade: Reagent
Lot Number: 5002536/3.1
Manufacture Date: 08/27/2026
Retest Date : 08/26/2029
Country of Origin: United States

Tested Property	Specification	Analysis
C	≤0.06%	0.002%
Si	≤0.20%	0.004%
Mn	≤0.35%	0.120%
P	≤0.020%	0.005%
S	≤0.020%	0.006%
Ti	≤0.005%	0.004%
TFe	Balance	98.880%
Apparent Density	2.75 - 3.0 g/cm3	2.80 g/cm3
Particle Size Distribution:		
+50 Mesh	All Pass	0.0%
+60 Mesh	≤1.0%	0.10%
+100 Mesh	50 - 75%	55.85%
-100 Mesh	25 - 50%	44.15%
-200 Mesh	≤10%	2.40%

Store in a cool, dry, and well-ventilated environment away from moisture.

Iron Powder 40 Mesh, Reduced, Reagent Grade

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since

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