LAB ALLEY
ESSENTIAL CHEMICALS

Certificate of Analysis

Product: Iron Powder 40 Mesh, Atomized, Reagent Grade
Item Number: IP40MAR
CAS#: 7439-89-6
Grade: Reagent
Lot Number: 5002536/2.1
Manufacture Date: 09/01/2026
Retest Date : 08/30/2029
Country of Origin: China

Tested Property	Specification	Analysis
TFe	Balance	99.370%
C	≤0.05%	0.003%
Si	≤0.08%	0.030%
Mn	≤0.15%	0.110%
P	≤0.015%	0.011%
S	≤0.015%	0.008%
HL	≤0.50%	0.130%
Apparent Density	2.9 - 3.1 g/cm3	3.00 g/cm3
Particle Size Distribution:		
+355um	≤3.0%	0.0%
-355um+150um	≥60%	93.6%
-150um+63um	5 - 25%	5.8%
+63um	≤5%	0.6%

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

Iron Powder 40 Mesh, Atomized, 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 conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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