

## Certificate of Analysis

Date of Testing: 2023-07-25 18:04:02  
Date of Next Testing: 2026-07-24 18:04:02  
Product Name: **Silicon**  
CAS Number: 7440-21-3  
Specifications & Purity: powder, -325 mesh, 99% trace metals basis  
Lot #: G23201136  
SKU #: **S434690**  
Analysis: **244215**

Parameter	Limit Values	Result
Average particle size	<45 ( $\mu\text{m}$ )	1.09 $\mu\text{m}$
Total Metallic Impurities	0-15000 (ppm)	386.00000 ppm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.96 %
Appearance(S434690)	Grey to Dark Grey Powder	Grey to Dark Grey Powder
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager