

## Certificate of Analysis

Date of Testing: 2024-09-26 18:13:29  
Date of Next Testing: 2028-09-25 18:13:29  
Product Name: **Silicon powder**  
CAS Number: 7440-21-3(powder)  
Specifications & Purity:  $\geq 99.9\%$  metals basis, 20-60nm  
Lot #: I2418608  
SKU #: **S130843**  
Version: **0**  
Analysis #: **415290**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Particle size	20-60 (nm)	29.68 nm
Total Metallic Impuritie	0-2000 (ppm)	498.00 ppm
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95 %
Appearance (S130843)	yellow to brown powder	yellow to brown powder
ICP: Confirms Silicon Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager