

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-23 13:19:47
Date of Next Testing: 2026-07-22 13:19:47
Product Name: **Silicon powder**
CAS Number: 7440-21-3
Specifications & Purity: 99.9% metals basis,20-60nm
Lot #: G2220791
SKU #: **S130843**
Analysis: 106793

| Parameter | Limit Values | Result |
|--|------------------------|------------------------|
| Particle size | 20-60 (nm) | 54.04 nm |
| Total Metallic Impuritie | 0-2000 (ppm) | 505.00 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