

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-16 13:40:13

Date of Next Testing: 2027-11-15 13:40:13

Product Name: **Silicon nitride**

CAS Number: 12033-89-5

Specifications & Purity: $\geq 99.9\%$ metals basis, 20nm

Lot #: K2313128

SKU #: **S106135**

Version: **0**

Analysis #: **296372**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.95700 %
Total Metallic Impuritie	0-2000 (ppm)	430.00000 ppm
Particle size	10-30 (nm)	24.02000 nm
Appearance (S106135)	white to yellow powder, crystals, and/or chunks	white to yellow powder, crystals, and/or chunks
ICP: Confirms Silicon Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager