

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-16 16:39:44
 Date of Next Testing: 2028-12-15 16:39:44
 Product Name: **Silicon nitride**
 CAS Number: 12033-89-5
 Specifications & Purity: $\geq 99.9\%$ metals basis, 20nm
 Lot #: L2412378
 SKU #: **S106135**
 Version: **0**
 Analysis #: **315696**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.97110 %
Total Metallic Impuritie	0-2000 (ppm)	289.00000 ppm
Particle size	10-30 (nm)	25.75000 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