

Certificate of Analysis

Date of Testing: 2024-03-07 17:14:41
Date of Next Testing: 2028-03-06 17:14:41
Product Name: **Silicon nitride**
CAS Number: 12033-89-5
Specifications & Purity: $\geq 99.9\%$ metals basis, 20nm
Lot #: B2429499
SKU #: **S106135**
Version: **0**
Analysis #: **315696**

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.9-100 (%)	99.97 %
Total Metallic Impuritie	0-2000 (ppm)	289.00 ppm
Particle size	10-30 (nm)	25.75 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