

Certificate of Analysis

Date of Testing: 2024-09-14 13:55:11

Date of Next Testing: 2028-09-13 13:55:11

Product Name: **Silicon nitride**

CAS Number: 12033-89-5

Specifications & Purity: $\geq 99.5\%$ metals basis, 20nm

Lot #: K2006059

SKU # **S301960**

Version **0**

Analysis #: **411625**

Parameter	Limit Values	Result
Particle size	10-30 (nm)	28.70 nm
Total Metallic Impuritie	0-5000 (ppm)	3382.00 ppm
Purity(Based on Trace Metals Impurities of ICP)	99.5-100 (%)	99.66 %
Appearance (S301960Color)	White to Yellow	White to Yellow
Appearance (S301960Form)	Powder	Powder
ICP: Confirms Silicon Component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager