

Certificate of Analysis

Date of Testing: 2023-07-04 12:15:47

Date of Next Testing: 2027-07-03 12:15:47

Product Name: **Silicon nitride**

CAS Number: 12033-89-5

Specifications & Purity: 99.5% metals basis, 20nm

Lot #: F23271152

SKU #: **S301960**

Analysis: **178930**

Parameter	Limit Values	Result
Particle size	10-30 (nm)	24.02 nm
Total Metallic Impurities	0-5000 (ppm)	430.00 ppm
Purity (Based on Trace Metals Impurities of ICP)	99.5-100 (%)	99.96 %
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