

Certificate of Analysis

Date of Testing: 2022-10-18 17:10:03
Date of Next Testing: 2026-10-17 17:10:03
Product Name: **Silicon nitride**
CAS Number: 12033-89-5
Specifications & Purity: nanopowder, 99.5% metals basis, 20nm
Lot #: J2211518
SKU #: **S301960**
Analysis: **145633**

Parameter	Limit Values	Result
Particle size	10-30 (nm)	28.76 nm
Total Metallic Impurities	0-5000 (ppm)	3381.00 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