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## Product Specification

Product Name:

Diamond - nanopowder, &lt;10 nm particle size (TEM), ≥97% trace metals basis

**Product Number:** 636428  
**CAS Number:** 7782-40-3  
**MDL:** MFCD00211867  
**Formula:** C  
**Formula Weight:** 12.01 g/mol

TEST	Specification
Appearance (Color)	Conforms to Requirements
Light Gray to Black	
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Average Particle Size (TEM)	≤ 10.0 nm
Trace Metal Analysis	≤ 30000.0 ppm
Purity	Meets Requirements
>97.0% Based On Trace Metals Analysis	

Specification: PRD.0.ZQ5.10000037182

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.