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Product Specification

Product Name:
Graphene quantum dots - blue luminescent, powder

Product Number: 900726

CAS Number: 7440-44-0

Formula: C

Formula Weight: 12.01 g/mol

TEST	Specification
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Appearance (Color)	Faint Brown to Dark Brown
Appearance (Form)	Powder
Quantum Yield	≥ 20 %
Emission Maximum	435 - 455 nm
0.1 mg/mL in water	
Full Width Half Max (FWHM)	65 - 85 nm
Expiration Date Period	-----
1 Year	

Specification: PRD.2.ZQ5.10000086586

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. 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.

