

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

CdTe core-type quantum dots - COOH functionalized, fluorescence  $\lambda_{em}$  570 nm, powder**Product Number:** 777943

CAS Number: 1306-25-8

Formula: CdTe

Formula Weight: 240.01 g/mol

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Color)	Conforms to Requirements
Orange-red to black	
Appearance (Form)	Powder
Miscellaneous Assay	Confirmed
Confirms CdTe	
Emission Peak	565 - 575 nm
Expiration Date Period	-----
2 years	

Specification: PRD.0.ZQ5.10000038974

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.