

Product Specification

Product Name: **4nDOT**

CdSe, CdS and CdTe aqueous medium

Product Number: **4nDOT540, 4nDOT650**

Storage Temperature: 4 - 12 °C

Formula: CdSe, CdS, CdTe

TEST	Specification
Appearance (Color)	Transparent,
Appearance (Form)	Liquid
Quantum yield	> 50%
Absorbance peak wavelength	< 450 nm
Emission peak wavelength	540 nm +/- 10 nm 650 nm +/- 10 nm
Particle Concentration	6 x 10E16 (typical)
pH	7.2 – 7.4 (typical)
Recommended retest period	6 months

Specification: PDS_4nDOTXXX_20190528

PHORNANO 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 www.phornano.com. For further inquiries, please contact Phornano. Purchaser must determine the suitability of the product for its particular use. See quotation, invoice or packing slip for additional terms and conditions of sale.