

PRODUCT SPECIFICATION

Product name: **Zinc Oxide Quantum Dots (ZnO QDs)**
 Product number: ZnO-S
 Form: Powder
 Description: High-quality uncoated Zinc Oxide Quantum Dots.
 Monodispersed, narrow size distribution, solution-stable, bright yellow luminescence upon excitation with UV.

| Properties | Specification / value |
|--------------------|---|
| Appearance | White, air-stable powder |
| Excitation | 330 nm ± 5 nm |
| Emission (max.) | 530 nm ± 5 nm |
| FWHM | 135 nm ± 5 nm |
| Core size | 2 – 10 nm |
| Solubility | Colloidal solution in DMSO |
| Storage conditions | Room temperature, to be used in 3 months after opening |

PACKAGING

| Catalogue number | Quantity |
|-------------------------|-----------------|
| ZnO-S-50 | 50 mg |
| ZnO-S-100 | 100 mg |
| ZnO-S-250 | 250 mg |

PRODUCT INTENDED FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY