

## Certificate of Analysis

**Product name:** Zinc Oxide Quantum Dots (ZnO QDs)  
**Product number:** ZnO-S  
**LOT number:** 0070421  
**Form:** powder  
**Quality Release Date:** April 7, 2021  
**Storage conditions:** Room temperature; not require special storage conditions; to be used in 3 months after opening

Test	Specification	Result
Appearance (color)	White powder	White powder
Diameter	2 - 10 nm	3,42 ± 0,22 nm (PXRD)
Excitation λ	330 nm ± 5 nm	328 nm
Emission (max.)	530 nm ± 5 nm	527 nm
FWHM	135 nm ± 5 nm	135 nm
Stability	Air-stable	Air-stable
Solubility	DMSO	DMSO

PRODUCT INTENDED FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

### Hazards

Read Material Safety Data Sheet (MSDS) and understand any potential hazard(s) prior to the use of this product. All chemicals should be considered potentially hazardous in nature and should only be handled by qualified personnel using established good laboratory practices.