

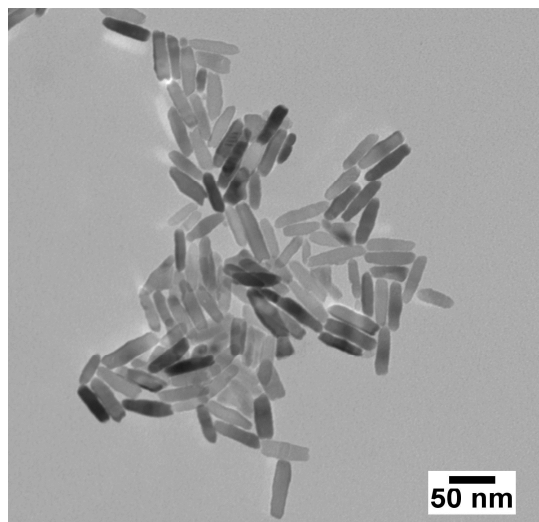
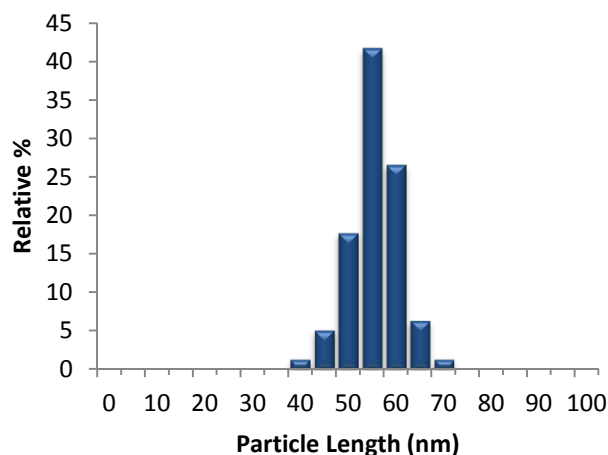
# NanoXact™ Titania Nanorods

Lot Number: CLF0509

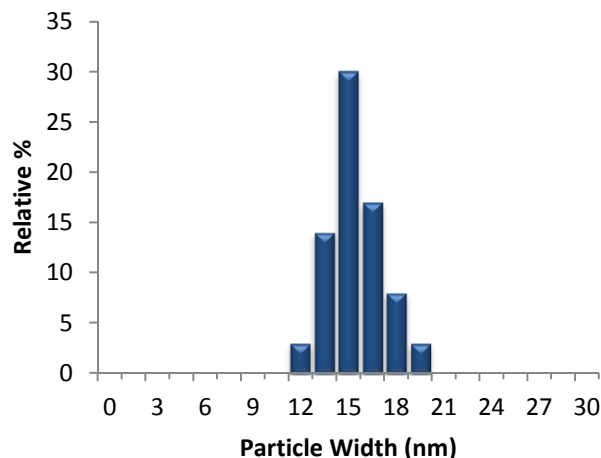
**Average Length (TEM):** 54.5 ± 6.9 nm  
**CV, Length:** 12.7 %  
**Average Width (TEM):** 14.7 ± 1.6 nm  
**CV, Width:** 11.1 %  
**Average Aspect Ratio:** 3.73

**Mass Concentration:** 1.08 mg/mL  
**Particle Concentration:** 3.77E+13 parts/mL  
**Solvent:** 1-butanol  
**Particle Surface:** Stearic Acid

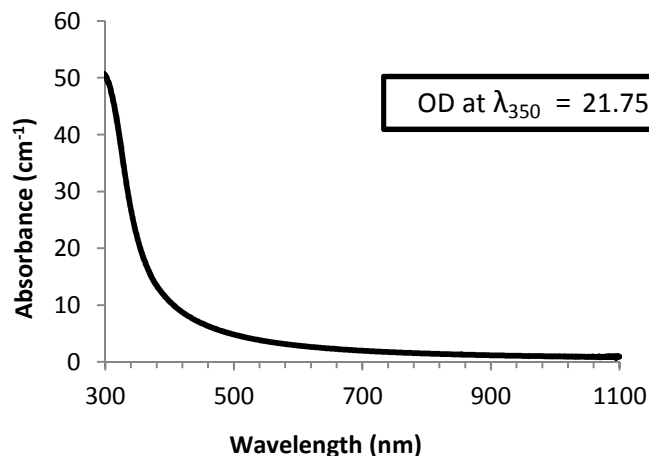
## Length Size Distribution



## Width Size Distribution



## Optical Properties



### Characterization Instrumentation

**Diameter and Size Statistics:**  
**Mass Concentration:**  
**Spectral Properties:**

JEOL 1010 Transmission Electron Microscope  
 Thermo Fisher X Series 2 ICP-MS  
 Agilent 8453 UV-Visible Spectrometer

Storage: 2-25 °C. DO NOT FREEZE.