

NNT Zinc Sulfide

PRODUCT LINE

Absorbance _{max}	FWHM	Molar Concentration	Concentration (w/v)
260 nm	~ 40 nm	0.8 μM	1 mg/mL

Characterization

NNT Zinc Sulfide nanoparticles are metal nanoparticles that are sold dispersed in an aqueous solution. The nanoparticles are 2-10 nm in size and are surrounded by a polymer coating that makes them water-dispersible. NNT Zinc Sulfide nanoparticles are carboxyl-terminated and can be conjugated to other materials using standard EDC (carbodiimide) coupling chemistries.

Note that water-dispersible NNT Zinc Sulfide is provided at a concentration of 0.8 μM in distilled water and can be diluted appropriately for specific applications. They can also be purchased as a powder for applications where long-term storage is important (please inquire for details).

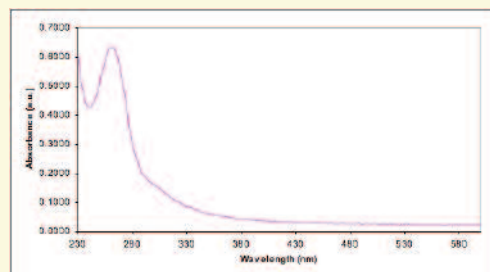


Figure 1: Absorbance characteristics of NNT Zinc Sulfide.

Usage Conditions

NNT Zinc Sulfide nanoparticles function best under moderate conditions. They can degrade at highly acidic pH (< 4) and are best kept at or below room temperature. Note that NNT Zinc Sulfide may adhere to glass or other labware; for best results, use in dilute conditions and use disposable glassware. For inquiries about your specific conditions, please contact support@nntech.com

Pricing Information: Test Kits	Product	Amount	Cost (\$USD)
	NNT Zinc Sulfide	100 mL	\$205
		200 mL	\$400
		500 mL	\$900
		1 L	\$1700

CONSULT WITH US! NNT will work with users to get the best possible results from our materials. Contact us for details about our consulting services!