

Strem Chemicals, Inc.

www.strem.com

Catalog #79-6005 Gold nanorods (Axial Diameter - 25 nm) (Wavelength 600 nm)

Color and Form:	blue liq.	Concentration:	235 ug/ml ($\pm 10\%$)
Axial Diameter (nm):	25 ($\pm 10\%$)	Longitudinal Size (nm):	47 ($\pm 10\%$)
Peak Longitudinal Surface Plasmon Resonance Wavelength (nm): 600			
Peak Axial Surface Plasmon Resonance Wavelength (nm): 530			
Storage Conditions:	store at $\sim 4^{\circ}\text{C}$ (do not freeze)		
Shelf Life:	6 months		

Gold nanorods are shipped in 18M Ω DI water with < 0.1% ascorbic acid and < 0.1% CTAB surfactant capping agent.

Storage Instructions:

Store at 4°C . Do not freeze. CTAB, may cause a cloudy appearance at low temperatures. Before use, warm to room temperature to resuspend excess CTAB. Particularly for the larger nanorods, make sure to homogenize bottles after long storage periods to resuspend any sedimentation.