

Strem Chemicals, Inc.

www.strem.com

Catalog #79-6020 Gold nanorods (Axial Diameter - 10 nm) (Wavelength 700 nm)

Color and Form: pale red-brown liq. Concentration: 30 ug/ml ($\pm 10\%$)
Axial Diameter (nm): 10 ($\pm 10\%$) Longitudinal Size (nm): 29 ($\pm 10\%$)
Peak Longitudinal Surface Plasmon Resonance Wavelength (nm): 700
Peak Axial Surface Plasmon Resonance Wavelength (nm): 512
Storage Conditions: store at -4°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.