

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Gold Nanorods**
Specifications & Purity: 10 nm diameter, λ_{max} , 780 nm, dispersion in H₂O
SKU #: **G359095**

Parameter	Limit Values
Appearance(G359095)	Clear Liquid
Axial Diameter Size	9-11 (nm)
Longitudinal Size	34-42 (nm)
Concentration	>30(μ g/ml)
pH	3-5
Longitudinal Peak	765-794 (nm)
Longitudinal(Abs UN)	1.0-1.2
Transverse Peak	507-517 (nm)
Transverse(Abs UN)	0.1-0.5