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## Product Specification

Product Name:

Gold nanorods – 10 nm diameter, abs. /980 nm, dispersion in H<sub>2</sub>O

Product Number:

776661

Storage Temperature:

2 - 8 °C

TEST	Specification
Appearance (Color)	Faint Brown to Brown
Appearance (Form)	Liquid
ICP Major Analysis	Confirmed
Confirms Gold Component	
Size	9 - 11 nm
Diameter	
Size	53.1 - 64.9 nm
Length	
Concentration	≥ 30 µg/ml
Longitudinal Peak	940 - 1022 nm
Longitudinal Abs	1.0 - 1.2 Abs UN
Transverse Peak	507 - 517 nm
Transverse Abs	0.1 - 0.5 Abs UN

Specification: PRD.0.ZQ5.10000034098

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.