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Product Specification

Product Name:

Gold nanorods - carboxyl terminated, 10 nm diameter, absorption/808 nm, dispersion in H₂O**Product Number:** 716898

Formula Weight: 196.97 g/mol

Storage Temperature: 2 - 8 °C

TEST	Specification
Appearance (Form)	Liquid
Size	9.0 - 11.0 nm
Axial Diameter	
Size	36.9 - 45.1 nm
Longitudinal Size	
Concentration	≥ 1800.00 µg/ml
pH	6.0 - 9.0
Longitudinal Peak	794 - 829 nm
Longitudinal Abs	≥ 50.0 Abs UN
Transverse Peak	507 - 517 nm
Transverse Abs	≥ 10.0 Abs UN
Assay	Conforms
Conjugation	
Carboxyl Terminated Polymer	
Recommended Retest Period	-----
1 Year	

Specification: PRD.1.ZQ5.10000021795

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. 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.