

Product Specification

Product Name: **4n Gold**

Gold, dispersion - nanorods 10 x 50 nm avg. particle size, 0.035 mg/mL in aqueous buffer, contains citrate as stabilizer

Product Number: **AUNR10050**

Storage Temperature: 4 - 12 °C

Formula Weight: 199.97 g/mol **Au**

TEST	Specification
Appearance (Color)	Red
Appearance (Form)	Liquid
LSPR Absorbance peak wavelength	>800 nm
Average diameter (TEM)	10 nm +/- 4 nm
Average length (TEM)	50 nm +/- 10 nm
Absorbance	>1.0 1/cm
Mass Concentration	0.035 mg/mL +/- 10%
pH	7 – 7.5 (typical)
Gold (Au ⁰) Nanoparticles	99.99%
Recommended retest period	12 months

Specification: PDS_AUNR10050_20190217

PHORNANO 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 www.phornano.com. For further inquiries, please contact Phornano. Purchaser must determine the suitability of the product for its particular use. See quotation, invoice or packing slip for additional terms and conditions of sale.