

Product Specification

Product Name: **4n HQ Gold**

Gold, dispersion - nanospheres XX nm avg. particle size, 0.8 mg/mL in aqueous medium, citrate stabilized. XX can be chosen between 10 and 80.

Product Number: **AUHQXX**

Storage Temperature: 4 - 12 °C

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

TEST	Specification
Appearance (Color)	Dark red to black
Appearance (Form)	Liquid
LSPR Absorbance peak wavelength	510 – 550 nm
Average diameter (TEM)	XX nm + /-6 nm
Absorbance	>3 1/cm
Mass Concentration	0.8 mg/mL +/- 10%
pH	6.5 (typical)
Gold (Au ⁰) Nanoparticles	99.99%
Recommended retest period	12 months

Specification: PDS_AUHQXX_20220510

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.