



## Technical Specifications

Updated 12/13/17

### Au Nanoparticles in Water

<b>Composition</b>	Gold Nanoparticles
<b>Stabilizing ligand</b>	Citrate
<b>Concentration</b>	Order amount dependent
<b>Organic Impurities</b>	<1% (not including ligands)
<b>Solvent</b>	DI Water
<b>Volume</b>	Order amount dependent
<b>Lifetime</b>	One year if stored properly. Dark at 2-8°C
<b>Concentration</b>	40-50 µg/mL

<b>Catalogue #</b>	<b>UV peak (nm)</b>	<b>Emission Peak (nm)</b>	<b>Size (nm)</b>	<b>Approx particle/mL</b>
AU-5	520±10	NA	4-6	≥1.8E13
AU-10	520±10	NA	8-12	≥1.7E12
AU-20	520±10	NA	17-23	≥2.4E11

#### NNCrystal US Corporation

534 W Research Center Blvd., Ste 254, Fayetteville, AR 72701  
Phone: 479.595.0662; Fax: 479.595.0570; E-mail: [contact@nn-labs.com](mailto:contact@nn-labs.com)