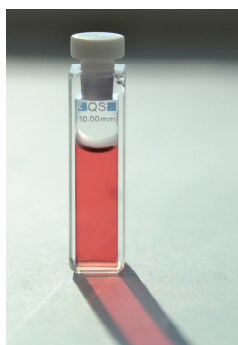


GOLD Nano-Colloids

Ultra-pure gold nanoparticles via laser ablation

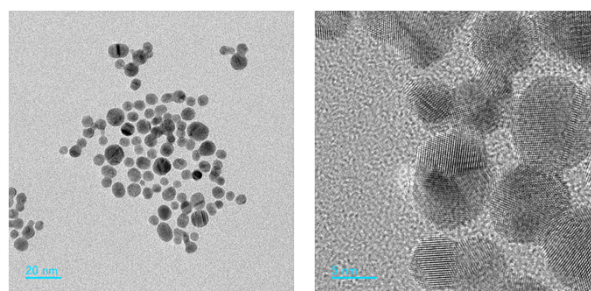
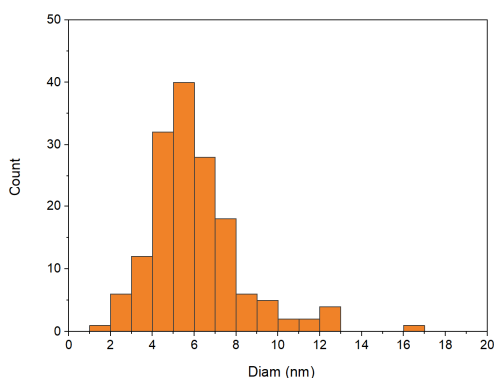
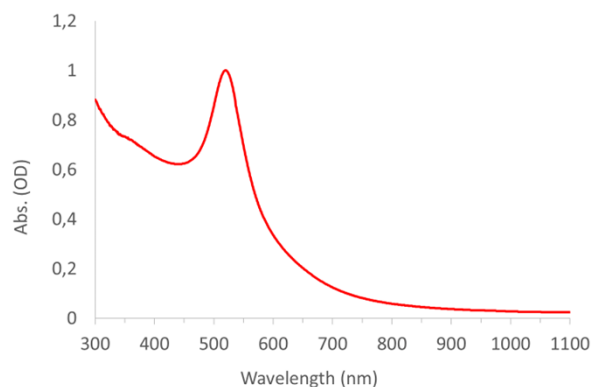


Advantages

- /// Ultra-high purity
- /// In water or organic media
- /// Selection of capping agents
- /// Highly active surface - Easy to functionalize
- /// Available in a wide range of concentrations
- /// Excellent stability and long shelf-life (>1 y)
- /// Safe and non-toxic

Characterization

Average core size (TEM)	6,2 ± 2,5 nm
Mim diam.	1,9 nm
Max diam.	21,7 nm
Shape	Spherical
Zeta-potential	-32,8 ± 5,9 mV
SPR λ _{max}	518 nm



Gold purity	99.99%
Liquid carrier	Ultrapure water / Acetone / Ethanol / other
Stabilizer	Reactant free / Sodium Citrate / PVP / other
AuNP concentration	0.05 mg/mL to 10 mg/mL (or OD 200)

Storage

This product should be stored at +4° C to room temperature. DO NOT FREEZE.



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- Au**
- Pt
- Au/Pt
- Ag
- Ru
- Pd
- Cu
- Zn
- X