



NANO-Colloids Catalogue

Ultra-pure nanoparticles via laser ablation

Material	Product	Liquid carrier	Stabilizer	NP conc.	Volume
GOLD					
AuNP	Ultrapure Gold Nanoparticles in water	Ultrapure water	-	30 – 200 ppm	20 mL to 10 L
AuNP	Gold Nanoparticles in water – Reactant free	Ultrapure water	Reactant free	0.05 mg/mL (or OD 1) to 2 mg/mL (or OD 40)	20 mL to 1 L
AuNP	Citrate-stabilized Gold Nanoparticles in water	Ultrapure water	Sodium Citrate	0.05 mg/mL to 5 mg/mL (or OD 100)	20 mL to 1 L
AuNP	PVP-stabilized Gold Nanoparticles in water	Ultrapure water	PVP	0.05 mg/mL to 10 mg/mL (or OD 200)	20 mL to 1 L
AuNP	Gold Nanoparticles in ethanol	Ethanol	Reactant free or PVP	0.05 mg/mL to 10 mg/mL	20 mL to 1 L
AuNP	Gold Nanoparticles in acetone	Acetone	-	0.05 mg/mL to 10 mg/mL	20 mL to 1 L
PLATINUM					
PtNP	Platinum Nanoparticles in water – Reactant free	Ultrapure water	-	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
PtNP	Citrate-stabilized Platinum Nanoparticles in water	Ultrapure water	Sodium Citrate	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
PtNP	PVP-stabilized Platinum Nanoparticles in water	Ultrapure water	PVP	0.05 mg/mL to 10 mg/mL	20 mL to 1 L
PtNP	Platinum Nanoparticles in ethanol	Ethanol	Reactant free or PVP	0.05 mg/mL to 10 mg/mL	20 mL to 1 L
PtNP	Platinum Nanoparticles in acetone	Acetone	-	0.05 mg/mL to 10 mg/mL	20 mL to 1 L



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SILVER					
AgNP	Citrate-stabilized Silver Nanoparticles in water	Ultrapure water	Sodium Citrate	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
AgNP	PVP-stabilized Silver Nanoparticles in water	Ultrapure water	PVP	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
AgNP	Silver Nanoparticles in ethanol	Ethanol	Reactant free or PVP	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
AgNP	Silver Nanoparticles in acetone ethanol – Reactant free	Acetone	-	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
PALLADIUM					
PdNP	Palladium Nanoparticles in water–Reactant free	Ultrapure water	-	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
PdNP	Citrate-stabilized Palladium Nanoparticles in water	Ultrapure water	Sodium Citrate	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
PdNP	PVP-stabilized Palladium Nanoparticles in water	Ultrapure water	PVP	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
PdNP	Palladium Nanoparticles in ethanol	Ethanol	Reactant free or PVP	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
PdNP	Palladium Nanoparticles in acetone ethanol – Reactant free	Acetone	-	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
ZINC					
ZnNP	Zinc Nanoparticles in ethanol – Reactant free	Ethanol	-	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
ZnNP	Zinc Nanoparticles in acetone – Reactant free	Acetone	-	0.05 mg/mL to 1 mg/mL	20 mL to 1 L



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COPPER					
CuNP	Copper Nanoparticles in ethanol	Ethanol	Reactant free or PVP	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
CuNP	Copper Nanoparticles in acetone	Acetone	-	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
RUTHENIUM					
RuNP	PVP-stabilized Ruthenium Nanoparticles in water	Ultrapure water	PVP	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
RuNP	Ruthenium Nanoparticles in ethanol	Ethanol	Reactant free or PVP	0.05 mg/mL to 1 mg/mL	20 mL to 1 L
RuNP	Ruthenium Nanoparticles in acetone – Reactant free	Acetone	-	0.05 mg/mL to 0.5 mg/mL	20 mL to 1 L
OTHER					
MgNP	Magnesium Nanoparticles in acetone – Reactant free	Acetone	-	0.05 mg/mL to 0.1 mg/mL	20 mL to 1 L
RhNP	Rhodium Nanoparticles in acetone	Acetone	-	0.05 mg/mL to 0.1 mg/mL	20 mL to 1 L
IrNP	Iridium Nanoparticles in acetone	Acetone	-	0.05 mg/mL to 0.1 mg/mL	20 mL to 1 L
InNP	Indium Nanoparticles in acetone	Acetone	-	0.05 mg/mL to 0.1 mg/mL	20 mL to 1 L

In addition to the nanoparticle colloids in the catalogue, we offer to explore other materials, including **alloys** (e.g. Au/Pt), **ceramics** (e.g. Al₂O₃), **non-stoichiometric compounds** and **exotic materials** according to your needs.
Upon request, we can also produce stabilized or functionalized nanoparticles with specific ligands of your choice.



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