

PLATINUM Nano-Colloids

Ultra-pure PLATINUM nanoparticles via laser ablation

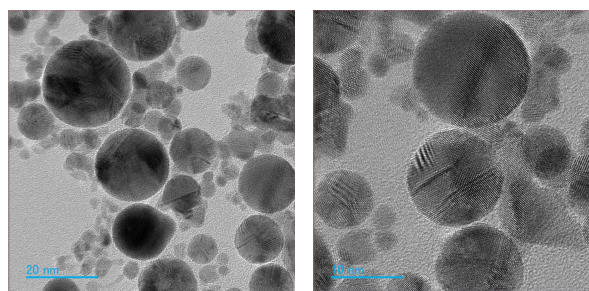
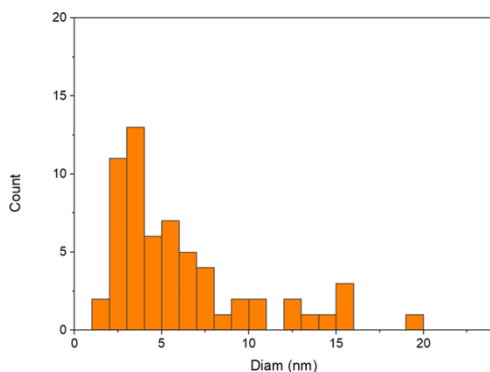
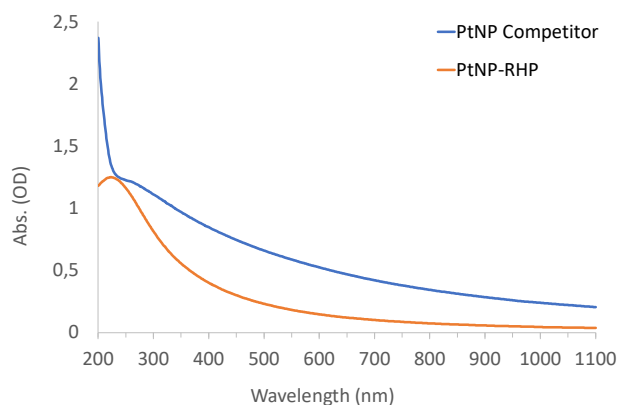


Advantages

- /// 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)	6,4 ± 3,6 nm
Mim diam.	1,8 nm
Max diam.	23,6 nm
Shape	Spherical
Zeta-potential	-37,4 ± 7,2 mV



Platinum purity	99.95%
Liquid carrier	Ultrapure water / Acetone / Ethanol / other
Stabilizer	Reactant free / Sodium Citrate / PVP / other
PtNP concentration	0.05 mg/mL to 10 mg/mL (or OD 200)

Storage

This product should be stored at +4-24° C. DO NOT FREEZE.



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