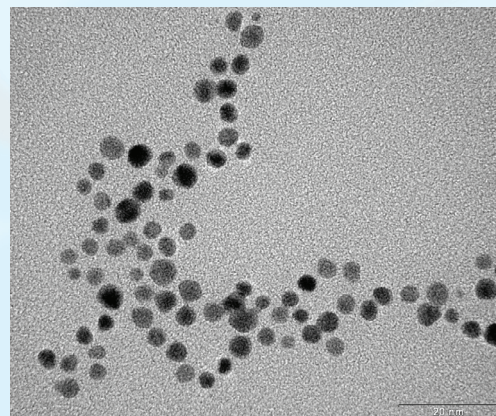
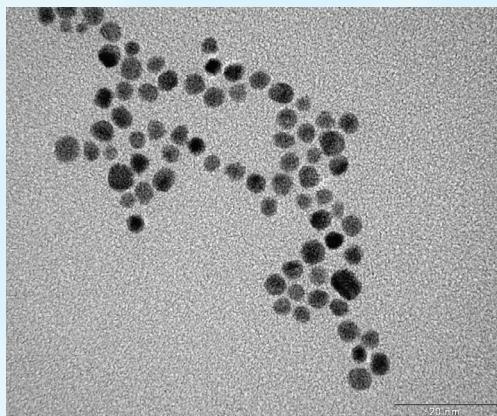


## Platinum Nanoparticles

Ref. PTNP-COL  
PTNP-PUR



TEM images of Platinum Nanoparticles

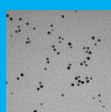
**Platinum Nanoparticles** are produced through colloidal synthesis methods, reducing a metal salt precursor in a solution and with the present of a stabilizer agent. Colloidal nanospheres of **5 nm** diameter are commercialised with **0.05 mg/ml** concentration in **25 ml** bottles (**PTNP-COL**). This *stabilized dispersion in citrate* has a narrow distribution size and it is ready to be used.

Nanoparticles can be later purified and concentrated **removing any stabilizing agent**. These particles are commercialised as **5 nm** nanospheres with a **2 mg/ml** concentration in **1 ml** vials (**PTNP-PUR**). These nanoparticles are dispersed in ultrapure water and 2 min sonication process is required to get a homogeneous dispersion. TEM images are available for each production batch.

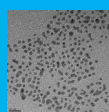
The manufacturing processes allows to customise the dimensions of these nanoparticles under request.

Nanoparticles in other metallic materials such as Gold and Palladium are also available.

### Related products



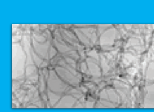
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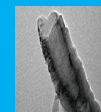
PDNP



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Parque Tecnológico de Asturias - Edif. CEEI. 33428 LLanera (Asturias). Spain  
(+34) 985 27 76 85 - info@dropsens.com - www.dropsens.com

Contact Form

