

## Example of quality report

### Citrate-stabilized silver nanoparticles, spheres, 70 nm diameter

Uniform bare silver nanospheres with an average diameter of 70 nm.

#### Technical Details:

[Ag] = 1 mg.mL<sup>-1</sup>

Dispersion media: Milli-Q water

Stabilization: Citrate-stabilized particles

UV-visible peak: 440 nm

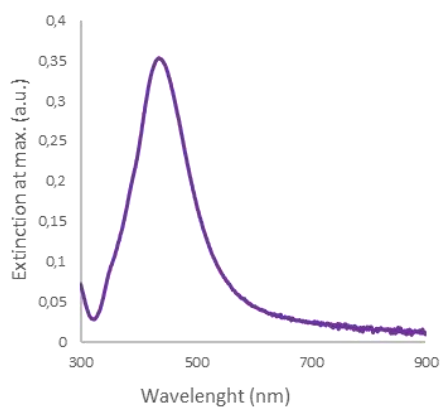
Diameter (TEM): 69.98 ± 7.47 nm

Hydrodynamic diameter (DLS): 92 nm (PDI = 0.123) (Milli-Q water)

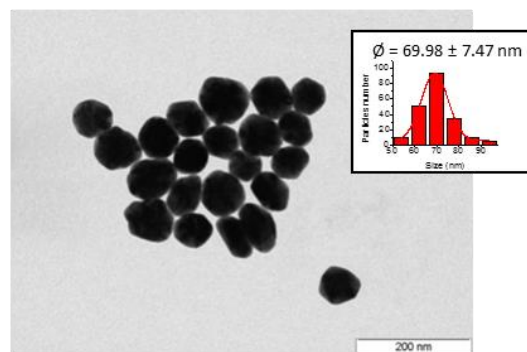
Z-potential: -49,4 mV

Storage: keep the colloidal solution at 4°C. Avoid light. Do not freeze.

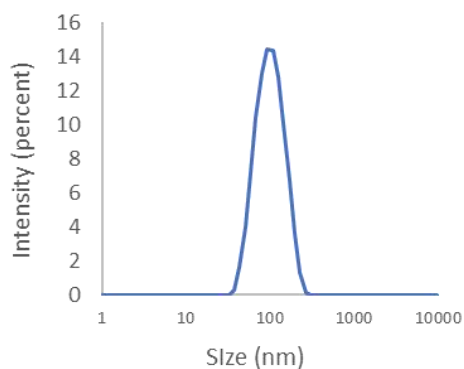
#### UV-Visible Spectroscopy



#### Transmission electron microscopy (TEM)



#### Hydrodynamic radius (dynamic light scattering, DLS)



#### Zeta potential

