

# PHYSICAL SCIENCE

**Product Name: AU-00003**

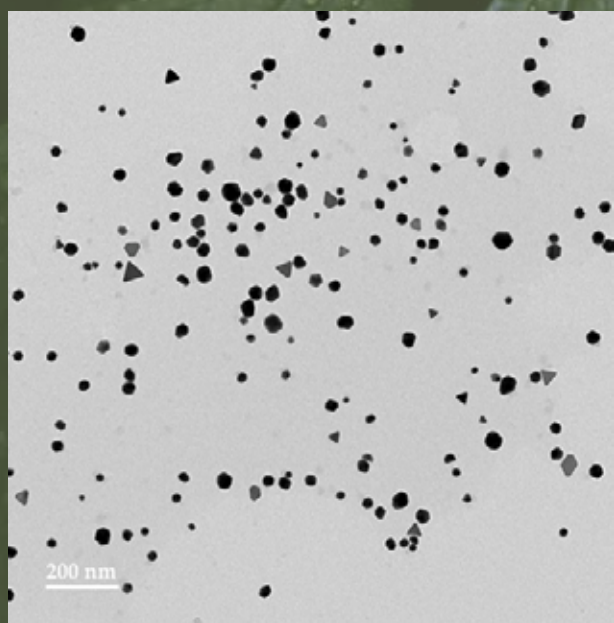
**UV Spectrum: 545 nm**

**Hydrodynamic Size: 86.58 nm**

**PDI: 0.40**

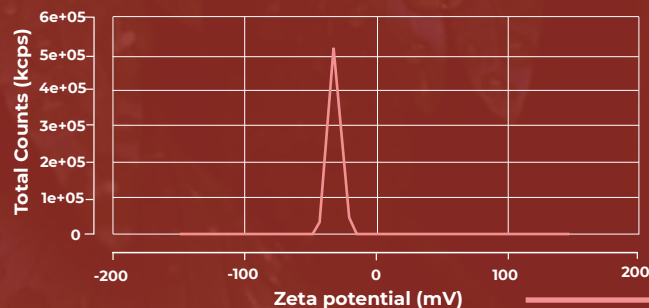
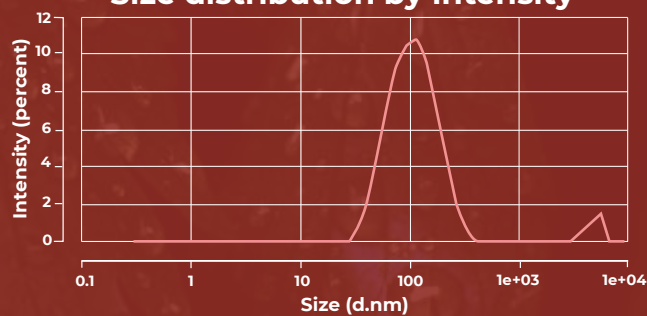
**Zeta: -30.81 mv**

**Average Size: 30 nm  $\pm$  9.06 nm**

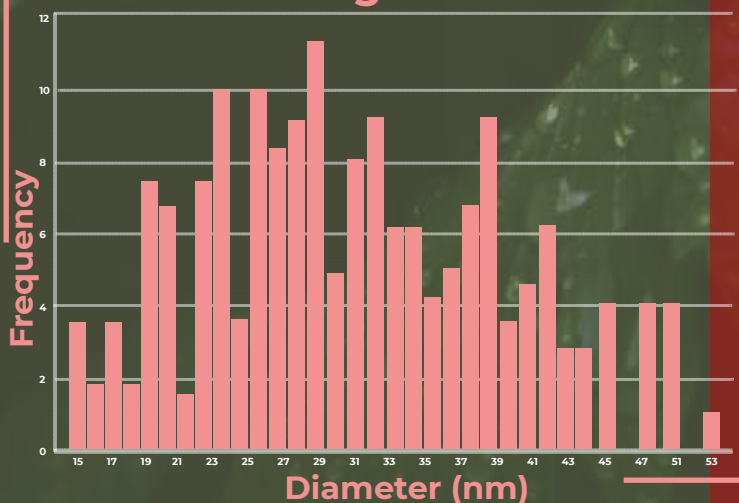


**TEM Image of PNG-AU-00003**

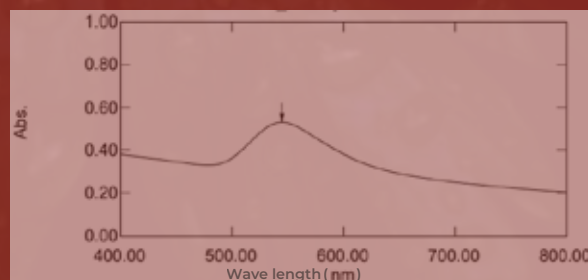
**Size distribution by intensity**



**Histogram**



**PNG-AU-00003**



**DISCLAIMER:** It is common for metallic nanoparticles to agglomerate with time. Therefore, sometimes, the sizes as reported in this catalogue may not be reproducible upon purchase. We strongly recommend sonication before use to minimize agglomeration.