

# PVP-Au Nanocomposite

SKU: SN2-Au-A

## Description

- The range of water soluble metallic and bi-metallic polymer nanocomposites are available which can be functionalised with various functional groups suitable for further functionalization with biomolecules or active groups. These materials could be used for the attachment of desired molecules onto nanocomposite surfaces including with biomolecules, chelators and binding sites for various applications.

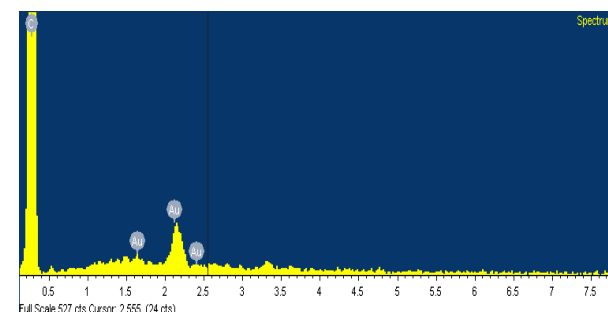
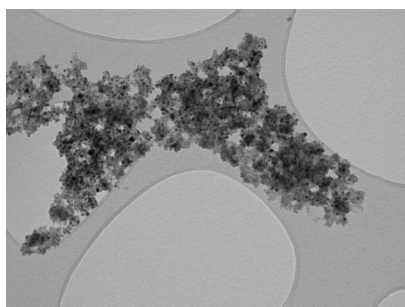
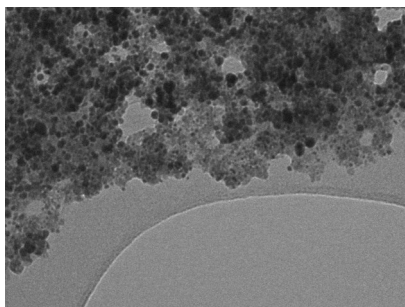
## Applications

- ◆ Biomolecules detection
- ◆ Additives
- ◆ Polymers & Packaging
- ◆ Paints and coatings
- ◆ Pharmaceuticals and cosmetics
- ◆ R&D

**Physical Characteristics:** available either as polyvinylpyrrolidon (PVP) Au, Au-Cu, Au-Ag nanocomposites in aqueous solutions. The particle sizes are between 8-16 nm. The solution has good stability and shelf life and can be used as ink, and can be ordered in different sizes, structure and volumes.

**Analytical Data:**

## Technical Information



TEM images and EDS of the product