

## Product Specification

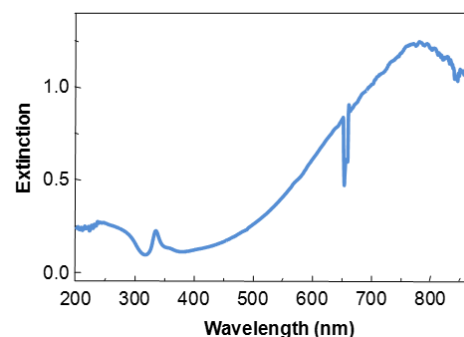
### Silver Nanoparticles

#### Product Description

|                   |  |
|-------------------|--|
| Name:             | Silver Nanoparticles   |
| Chemical Formula: | Ag (CAS No.7440-22-4)  |
| Product Code:     | ag-109   |
| Applications:     | Antibacterial Agents, Disinfectant, Additives, Catalyst, Surface Coating, SERS Substrates, Plasmonics, Electronics |

#### Properties

|                        |  |
|------------------------|--|
| Appearance:            | Light Blue Colloid   |
| Average Particle Size: | Nanoprisms with 5-20 nm thickness<br>and 80-120 nm lateral edges |
| Particle Shape:        | Nanoprisms   |
| Method of Synthesis:   | Chemical Reduction   |
| Solvent:               | Deionized Water  |
| Stabilizing Agents:    | Soluble Starch   |
| Silver Concentration:  | 15 mg/L (ppm)  |
| pH:                    | 6±1  |
| Specific Gravity:      | 1.01 g/mL  |



#### Characterization

|         |                     |
|---------|---------------------|
| Method: | UV-Vis Spectrometer |
|---------|---------------------|

#### Packaging & Delivery

|                   |   |
|-------------------|---|
| Package Size:     | 1 L and 10 L  |
| Price & Delivery: | Please contact our sale representatives at <a href="mailto:sale.primenano@gmail.com">sale.primenano@gmail.com</a> for price and delivery information of this product. |