

## Technical Datasheet

### **Silver Nanoparticle Dispersion**

**Stock No: GD-2023-206**

|                      |   |                                               |
|----------------------|---|-----------------------------------------------|
| 1. Product           | : | GD-AgD-                                       |
| 2. Stock No          | : | GD-2023-206                                   |
| 3. CAS               | : |                                               |
| 4. Purity            | : | 99.99 %                                       |
| 5. Particle Size     | : | <80 nm                                        |
| 6. Molecular Formula | : | Ag                                            |
| 7. Molecular Weight  | : | 107.87 g/mol                                  |
| 8. Form              | : | Liquid                                        |
| 9. Color             | : | Brown to Grey                                 |
| 10. Density          | : | 0.04-5 g/cm <sup>3</sup>                      |
| 11. Surface Area     | : | >20 m <sup>2</sup> /g                         |
| 12. PH               | : | 4-5                                           |
| 13. Dispersing Agent | : | Organic Solvent<br>(Water, IPA, Ethanol, DMF) |

Main Inspect Verifier : Manager QC

Note: Product Specification are subject to amendment and may change over time.