

## EM Grade Data Sheet

Information	
Product	Gold colloid – 5nm
Product Code	EM. GC5
Batch Number	022263
Storage Buffer	Suspended in H <sub>2</sub> O, no preservative Residual chemical left from manufacture
Storage Instructions	Store at 2-8°C – DO NOT FREEZE
Expiry Date	February 2019 (Use within one month of opening)

Technical Data	
Mean Diameter	6.0nm
Coefficient of Variation	≤15%
Optical Density @ 520nm	0.76
Gold Chloride Concentration	0.01%
No. of Particles per ml	5.00E+13
No. Moles Particle per ml	8.30289E-11
Molar Particle Concentration (No. moles per L)	8.30289E-08
Mass of gold per ml (g)	6.32E-05

USA: 1-800-423-8199 | International: +44 (0)2920 767 499 | [info@bbisolutions.com](mailto:info@bbisolutions.com) | [www.bbisolutions.com](http://www.bbisolutions.com)

Part of **BBI Group**

Registered office: c/o Berry Smith LLP, Haywood House, Dumfries Place, Cardiff, CF10 3GA.  
BBI Solutions is the trading name of BBI Solutions OEM Limited. Registered in England and Wales Number 8368483