

## EM Grade Data Sheet

Information	
<b>Product</b>	Gold colloid – 10nm
<b>Product Code</b>	EM. GC10
<b>Batch Number</b>	019917
<b>Storage Buffer</b>	Suspended in H <sub>2</sub> O, no preservative Residual chemical left from manufacture
<b>Storage Instructions</b>	Store at 2-8°C – DO NOT FREEZE
<b>Expiry Date</b>	August 2018 (Use within one month of opening)

Technical Data	
<b>Mean Diameter</b>	9.3nm
<b>Coefficient of Variation</b>	≤10%
<b>Optical Density @ 520nm</b>	0.74
<b>Gold Chloride Concentration</b>	0.01%
<b>No. of Particles per ml</b>	5.70E+12
<b>No. Moles Particle per ml</b>	9.46529E-12
<b>Molar Particle Concentration (No. moles per L)</b>	9.46529E-09
<b>Mass of gold per ml (g)</b>	5.76E-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