

EM Grade Data Sheet

Information	
Product	Gold colloid – 20nm
Product Code	EM. GC20
Batch Number	017603
Storage Buffer	Suspended in H ₂ O, no preservative Residual chemical left from manufacture
Storage Instructions	Store at 2-8°C – DO NOT FREEZE
Expiry Date	April 2018 (Use within one month of opening)

Technical Data	
Mean Diameter	19.7nm
Coefficient of Variation	≤8%
Optical Density @ 520nm	1.04
Gold Chloride Concentration	0.01%
No. of Particles per ml	7.00E+11
No. Moles Particle per ml	1.1624E-12
Molar Particle Concentration (No. moles per L)	1.1624E-09
Mass of gold per ml (g)	5.66E-05

USA: 1-800-423-8199 | International: +44 (0)2920 767 499 | info@bbisolutions.com | 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