

EM Grade Data Sheet

Information	
Product	Gold colloid – 30nm
Product Code	EM. GC30
Batch Number	018012
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	September 2017 (Use within one month of opening)

Technical Data	
Mean Diameter	30.1nm
Coefficient of Variation	≤8%
Optical Density @ 520nm	1.08
Gold Chloride Concentration	0.01%
No. of Particles per ml	2.00E+11
No. Moles Particle per ml	3.32116E-13
Molar Particle Concentration (No. moles per L)	3.32116E-10
Mass of gold per ml (g)	5.46E-05

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