

EM Grade Data Sheet

Information	
Product	Gold colloid – 100nm
Product Code	EM. GC100
Batch Number	017723
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	February 2018 (Use within one month of opening)

Technical Data	
Mean Diameter	101.2nm
Coefficient of Variation	≤8%
Gold Chloride Concentration	0.01%
No. of Particles per ml	5.60E+09
No. Moles Particle per ml	9.29924E-15
Molar Particle Concentration (No. moles per L)	9.29924E-12
Mass of gold per ml (g)	5.66E-05

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