

EM Grade Data Sheet

Information	
Product	Gold colloid – 10nm
Product Code	EM. GC10
Batch Number	018610
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	MAY 2018 (Use within one month of opening)

Technical Data	
Mean Diameter	9.4nm
Coefficient of Variation	≤10%
Optical Density @ 520nm	0.77
Gold Chloride Concentration	0.01%
No. of Particles per ml	5.70E+12
No. Moles Particle per ml	9.46529E-12
Molar Particle Concentration (No. moles per L)	9.46529E-09
Mass of gold per ml (g)	5.76E-05

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