

EM Grade Data Sheet

Information	
Product	Gold colloid – 15nm
Product Code	EM. GC15
Batch Number	017187
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	July 2018 (Use within one month of opening)

Technical Data	
Mean Diameter	14.7nm
Coefficient of Variation	≤8%
Optical Density @ 520nm	0.91
Gold Chloride Concentration	0.01%
No. of Particles per ml	1.40E+12
No. Moles Particle per ml	2.32481E-12
Molar Particle Concentration (No. moles per L)	2.32481E-09
Mass of gold per ml (g)	4.77E-05

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