

# NANOPARTz™

The gold nanoparticle for nanotechnology

## Certificate of Analysis

Product Family	Microgold
Product Number	A13-500-CTAB-DIH-1-5
Lot #	MGB15-7442
Form	Gold Colloid
Capping Agent	CTAB
Solution	18MEG DI Water
Source	MGB15

pH		measured	Expt.	6
Zeta Potential	mV	measured	DLS	35
Diameter	nm	measured	TEM	75
Length	nm	measured	TEM	500
Aspect Ratio		calc		6.7
Concentration	nps/mL	calc		1.2E+09
Wt. conc.	mg/mL	calc		0.050
Concentration	ppm	calc		50
Wt %	%	calc		0.0050%
Molarity	nM	calc		0.002
CTAB	mM	measured		10
Volume	mL	measured		5

Date	8/28/2019
Exp Date	2/24/2020

Alex Schoen, Manager Quality Control

### Absorbance

