

SGNPs QA/QC

Batch # S3231

Diameter	nm	DLS	100
PDI	stddev/size	measured DLS	0.04
SPR Peak	nm	measured UV/VIS	577
SPR Abs	AU	measured UV/VIS	1.2
450 nm Abs	AU	measured UV/VIS	0.5
650 nm Abs	AU	measured UV/VIS	0.575
pH		measured Orion	5
Concentration	nps/ml	calc	4.70E+09
Wt. conc.	µg/ml	calc	47.5
ppm		calc	47
Wt. %	%	calc	0.0047%
Molarity	pM	calc	8
Molar Ext.	M-1cm-1	calc	1.27E+08

