

Sample Details

Sample Name: C 3
SOP Name: PLGA nanoparticles.sop
General Notes:

File Name: Ram.dts Dispersant Name: Water
Record Number: 9 Dispersant RI: 1.330
Material RI: 1.53 Viscosity (cP): 0.8872
Material Absorbtion: 0.01 Measurement Date and Time: Tuesday, July 05, 2011 3:05...

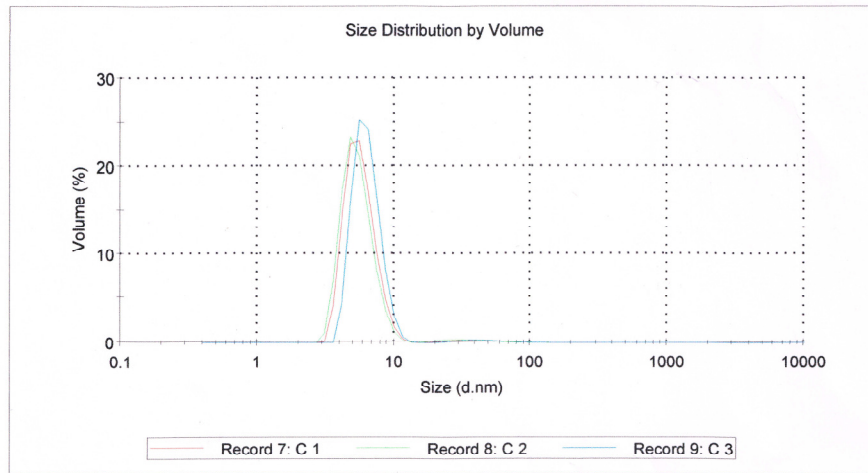
System

Temperature (°C): 25.0 Duration Used (s): 60
Count Rate (kcps): 352.7 Measurement Position (mm): 4.65
Cell Description: Disposable sizing cuvette Attenuator: 5

Results

	Size (d.nm):	% Volume	Width (d.nm):
Z-Average (d.nm): 44.30	Peak 1: 46.63	2.1	20.19
Pdl: 0.412	Peak 2: 6.403	97.9	1.432
Intercept: 0.859	Peak 3: 0.000	0.0	0.000

Result quality : Refer to quality report



Note Added:

COLLOIDAL SILVER TESTING

The above sample of nano silver of 100 ppm was produced using Heavy Duty MonoAtomic Silver Generator Model: HD-1-1.0L.

Determination of particle size distribution was done by Malvern Mastersizer 2000 (Dry & Wet Methods)

Result:

97.9% were of 6.403 nanometer diameter