

# Size Distribution Report by Volume

v2.1



## Sample Details

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

File Name: Ram.dts                      Dispersant Name: Water  
Record Number: 3                      Dispersant RI: 1.330  
Material RI: 1.53                      Viscosity (cP): 0.8872  
Material Absorption: 0.01              Measurement Date and Time: Tuesday, July 05, 2011 2:41...

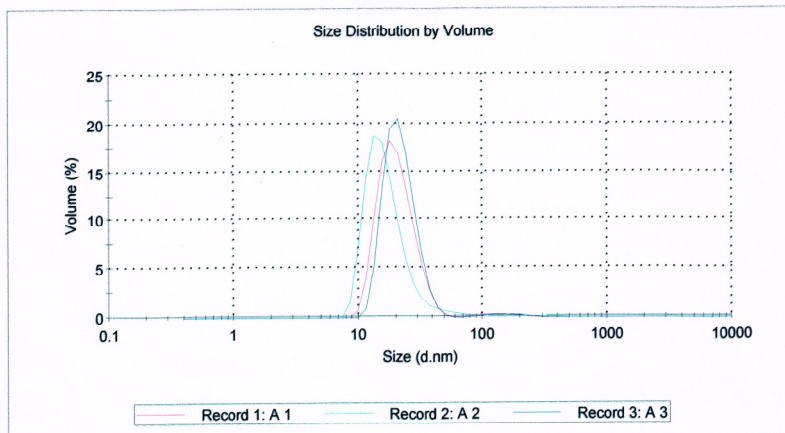
## System

Temperature (°C): 25.0                      Duration Used (s): 60  
Count Rate (kcps): 330.2                      Measurement Position (mm): 4.65  
Cell Description: Disposable sizing cuvette              Attenuator: 9

## Results

	Size (d.nm):	% Volume	Width (d.nm):
Z-Average (d.nm): 153.1	Peak 1: 158.5	1.9	52.71
Pdl: 0.245	Peak 2: 22.27	98.1	6.388
Intercept: 0.917	Peak 3: 0.000	0.0	0.000

Result quality : Refer to quality report



## Note Added:

### COLLOIDAL GOLD TESTING

The above sample of nano gold of 10 ppm was produced using our MonoAtomic Gold Generator Model: GS1.

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

## Result:

98.1% were below 22.27 nanometer diameter