

# Size Distribution Report by Intensity

v2.1



## Sample Details

**Sample Name:** Postphosphene

**SOP Name:** Gold Particle Project.sop

**General Notes:** Average result created from record number(s): 11 12 13

|                                    |                                                                  |
|------------------------------------|------------------------------------------------------------------|
| <b>File Name:</b> 5nmparticles.dts | <b>Dispersant Name:</b> Water                                    |
| <b>Record Number:</b> 14           | <b>Dispersant RI:</b> 1.330                                      |
| <b>Material RI:</b> 0.20           | <b>Viscosity (mPa.s):</b> 0.8872                                 |
| <b>Material Absorbtion:</b> 3.32   | <b>Measurement Date and Time:</b> Wednesday, July 20, 2011 10... |

## System

|                                                          |                                        |
|----------------------------------------------------------|----------------------------------------|
| <b>Temperature (°C):</b> 25.0                            | <b>Duration Used (s):</b> 70           |
| <b>Count Rate (kcps):</b> 178.4                          | <b>Measurement Position (mm):</b> 3.00 |
| <b>Cell Description:</b> Disposable micro cuvette (40µl) | <b>Attenuator:</b> 10                  |

## Results

|                                | <b>Size (d.nm):</b>  | <b>% Intensity</b> | <b>Width (d.nm):</b> |
|--------------------------------|----------------------|--------------------|----------------------|
| <b>Z-Average (d.nm):</b> 10.89 | <b>Peak 1:</b> 11.50 | 100.0              | 2.944                |
| <b>Pdl:</b> 0.031              | <b>Peak 2:</b> 0.000 | 0.0                | 0.000                |
| <b>Intercept:</b> 0.905        | <b>Peak 3:</b> 0.000 | 0.0                | 0.000                |

**Result quality :** Good

