FTLA Concentration / Size graph for Experiment:
Aerated 2018-12-06 12-33-42

Averaged FTLA Concentration / Size for Experiment:
Aerated 2018-12-06 12-33-42
Error bars indicate +/-1 standard error of the mean

Included Files
- Aerated 2018-12-06 12-34-59
- Aerated 2018-12-06 12-36-09
- Aerated 2018-12-06 12-37-30
- Aerated 2018-12-06 12-38-40

Details
- NTA Version: NTA 3.1 Build 3.1.46
- Script Used: SOP Standard Measurement 12-33-42PM 06Dec2018.txt
- Time Captured: 12:33:42 06/12/2018
- Operator:
- Pre-treatment:
- Sample Name:
- Diluent:
- Remarks:

Capture Settings
- Camera Type: sCMOS
- Camera Level: Manual settings used
- Slider Shutter: 1300
- Slider Gain: 512
- FPS: 25.0
- Number of Frames: 1498
- Temperature: 21.1 - 21.2 ºC
- Viscosity: (Water) 0.971 - 0.974 cP
- Dilution factor: Dilution not recorded
- Syringe Pump Speed: 25

Analysis Settings
- Detect Threshold: 5
- Blur Size: Auto
- Max Jump Distance: Auto: 14.3 - 18.0 pix

Results
- Stats: Merged Data
  - Mean: 115.9 nm
  - Mode: 72.6 nm
  - SD: 54.9 nm
  - D10: 60.3 nm
  - D50: 99.1 nm
  - D90: 183.4 nm
- Stats: Mean +/- Standard Error
  - Mean: 115.9 +/- 3.2 nm
  - Mode: 87.4 +/- 8.4 nm
  - SD: 54.7 +/- 3.4 nm
  - D10: 59.9 +/- 1.4 nm
  - D50: 100.0 +/- 3.2 nm
  - D90: 181.0 +/- 5.2 nm
- Concentration: 9.81e+008 +/- 6.15e+007 particles/ml
  - 49.8 +/- 3.1 particles/frame
  - 104.0 +/- 7.9 centres/frame
Intensity / Size graph for Experiment:
Aerated 2018-12-06 12-33-42
### Included Files

- Control 2018-12-06 13-27-52
- Control 2018-12-06 13-29-02
- Control 2018-12-06 13-30-13
- Control 2018-12-06 13-31-23

### Details

- NTA Version: NTA 3.1 Build 3.1.46
- Script Used: SOP Standard Measurement 01-26-35PM 06Dec2018.txt
- Time Captured: Operator: 13:26:35 06/12/2018
- Pre-treatment:
- Sample Name:
- Diluent:
- Remarks:

### Capture Settings

- Camera Type: sCMOS
- Camera Level: Manual settings used
- Slider Shutter: 1300
- Slider Gain: 512
- FPS: 25.0
- Number of Frames: 1498
- Temperature: 22.4 - 22.6 °C
- Viscosity: (Water) 0.940 - 0.943 cP
- Dilution factor: Dilution not recorded
- Syringe Pump Speed: 25

### Analysis Settings

- Detect Threshold: 5
- Blur Size: Auto
- Max Jump Distance: Auto: 14.0 - 26.8 pix

### Results

<table>
<thead>
<tr>
<th>Stats: Merged Data</th>
<th>Mean</th>
<th>Mode</th>
<th>SD</th>
<th>D10</th>
<th>D50</th>
<th>D90</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mean:</td>
<td>104.8 nm</td>
<td>76.9 nm</td>
<td>65.2 nm</td>
<td>44.8 nm</td>
<td>85.4 nm</td>
<td>158.3 nm</td>
</tr>
<tr>
<td>Mode:</td>
<td>104.3 +/- 8.8 nm</td>
<td>47.4 +/- 11.1 nm</td>
<td>58.6 +/- 9.3 nm</td>
<td>40.7 +/- 9.4 nm</td>
<td>88.0 +/- 8.4 nm</td>
<td>183.3 +/- 34.7 nm</td>
</tr>
<tr>
<td>SD:</td>
<td>58.6 +/- 9.3 nm</td>
<td>104.3 +/- 8.8 nm</td>
<td>58.6 +/- 9.3 nm</td>
<td>40.7 +/- 9.4 nm</td>
<td>88.0 +/- 8.4 nm</td>
<td>183.3 +/- 34.7 nm</td>
</tr>
<tr>
<td>Concentration:</td>
<td>8.38e+007 +/- 1.66e+007 particles/ml</td>
<td>4.3 +/- 0.8 particles/frame</td>
<td>15.6 +/- 5.9 centres/frame</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Error bars indicate +/-1 standard error of the mean.
Intensity / Size graph for Experiment:
Control 2018-12-06 13-26-35