

# Size Distribution Report by Intensity

v2.2



## Sample Details

**Sample Name:** NR3-9 DLS

**SOP Name:** mansettings.nano

**General Notes:** Average result created from record number(s): 1 2 3

|                                   |                                                                 |
|-----------------------------------|-----------------------------------------------------------------|
| <b>File Name:</b> NR3-9.dts       | <b>Dispersant Name:</b> Water                                   |
| <b>Record Number:</b> 4           | <b>Dispersant RI:</b> 1.330                                     |
| <b>Material RI:</b> 0.20          | <b>Viscosity (cP):</b> 0.8872                                   |
| <b>Material Absorbtion:</b> 3.320 | <b>Measurement Date and Time:</b> Tuesday, October 31, 2023 ... |

## System

|                                                         |                                        |
|---------------------------------------------------------|----------------------------------------|
| <b>Temperature (°C):</b> 25.0                           | <b>Duration Used (s):</b> 60           |
| <b>Count Rate (kcps):</b> 486.2                         | <b>Measurement Position (mm):</b> 4.20 |
| <b>Cell Description:</b> Low volume glass cuvette (4... | <b>Attenuator:</b> 7                   |

## Results

|                                | Size (d.n...         | % Intensity: | St Dev (d.n... |
|--------------------------------|----------------------|--------------|----------------|
| <b>Z-Average (d.nm):</b> 107.4 | <b>Peak 1:</b> 128.9 | 97.5         | 60.30          |
| <b>Pdl:</b> 0.286              | <b>Peak 2:</b> 4892  | 2.5          | 703.4          |
| <b>Intercept:</b> 0.914        | <b>Peak 3:</b> 0.000 | 0.0          | 0.000          |

**Result quality** **Good**

