

# Size Distribution Report by Intensity

v2.2



## Sample Details

Sample Name: TiO2 1  
SOP Name: mansettings.nano  
General Notes:

|                      |         |                            |                      |
|----------------------|---------|----------------------------|----------------------|
| File Name:           | 粉冶院.dts | Dispersant Name:           | Water                |
| Record Number:       | 6069    | Dispersant RI:             | 1.330                |
| Material RI:         | 2.01    | Viscosity (cP):            | 0.8872               |
| Material Absorbtion: | 1.000   | Measurement Date and Time: | 2024年10月11日 星期五 A... |

## System

|                    |                           |                            |      |
|--------------------|---------------------------|----------------------------|------|
| Temperature (°C):  | 25.0                      | Duration Used (s):         | 60   |
| Count Rate (kcps): | 253.7                     | Measurement Position (mm): | 4.65 |
| Cell Description:  | Disposable sizing cuvette | Attenuator:                | 7    |

## Results

|                                | Size (d.n...         | % Intensity: | St Dev (d.n... |
|--------------------------------|----------------------|--------------|----------------|
| <b>Z-Average (d.nm):</b> 482.5 | <b>Peak 1:</b> 523.7 | 93.9         | 152.5          |
| <b>Pdl:</b> 0.382              | <b>Peak 2:</b> 89.96 | 6.1          | 14.23          |
| <b>Intercept:</b> 0.894        | <b>Peak 3:</b> 0.000 | 0.0          | 0.000          |

Result quality **Good**

