# Size Distribution Report by Intensity

*v2.2*

Malvern

## Sample Details

**Sample Name:** 1

**SOP Name:** nanobio 2025.sop

**General Notes:**

| | | | |
|---|---|---|---|
| **File Name:** | nanobio 2026.dts | **Dispersant Name:** | Water |
| **Record Number:** | 6 | **Dispersant RI:** | 1,330 |
| **Material RI:** | 1,46 | **Viscosity (cP):** | 0,8872 |
| **Material Absorbtion:** | 3,320 | **Measurement Date and Time:** | giovedì 5 novembre 2026 1... |

## System

| | | | |
|---|---|---|---|
| **Temperature (°C):** | 25,0 | **Duration Used (s):** | 60 |
| **Count Rate (kcps):** | 421,1 | **Measurement Position (mm):** | 3,00 |
| **Cell Description:** | Disposable micro cuvette (40... | **Attenuator:** | 10 |

## Results

| | | | Size (d.n... | % Intensity: | St Dev (d.n... |
|---|---|---|---|---|---|
| **Z-Average (d.nm):** | 30,78 | **Peak 1:** | 23,59 | 66,2 | 8,347 |
| **PdI:** | 0,435 | **Peak 2:** | 191,2 | 32,7 | 74,87 |
| **Intercept:** | 0,854 | **Peak 3:** | 4996 | 1,1 | 610,7 |

**Result quality** Good

