

Monodisperse sample with the appearance of bigger particles / agglomerates

This measuring report shows a monodisperse with bigger particles / agglomerates.

- The D_{n50} , D_{n90} and D_{n10} values do not change over time
- $D_{[4,3]}$ and $D_{[3,2]}$ are higher because some bigger particles or agglomerates appear (see PSD volume-based graph)
- SPAN < 0.2

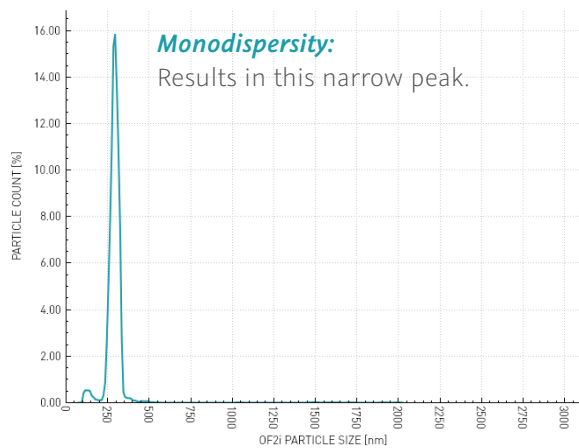
MEASUREMENT RESULT - NUMBER BASED

MEAN	BLOCK
D_{n50} : 313.4nm	D_{n90} : 312.6nm (± 2.2)
D_{n50} : 293.8nm	D_{n50} : 293.6nm (± 0.9)
D_{n10} : 262.3nm	D_{n10} : 261.5nm (± 2.4)
SPAN : 0.17	SPAN : 0.17
MODE : 305.0nm	MODE : 302.0nm
$D_{[4,3]}$: 928.7nm	$D_{[4,3]}$: 927.3nm (± 89.1)
$D_{[3,2]}$: 475.3nm	$D_{[3,2]}$: 481.6nm (± 28.7)

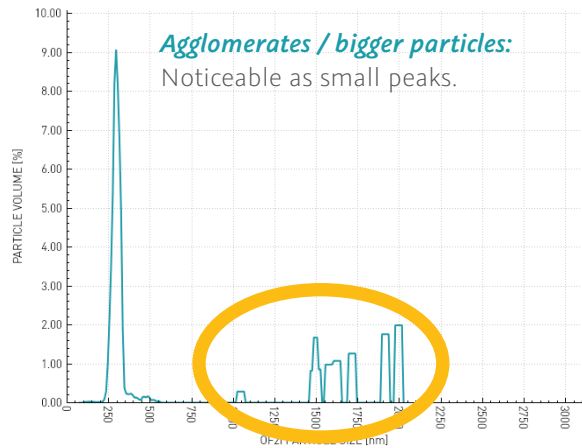
MEASUREMENT RESULT - VOLUME BASED

MEAN	BLOCK
D_{v90} : 1890.4nm	D_{v90} : 1828.2nm (± 128.9)
D_{v50} : 319.4nm	D_{v50} : 604.1nm (± 453.4)
D_{v10} : 278.8nm	D_{v10} : 279.0nm (± 1.4)
SPAN : 5.05	SPAN : 3.67
MODE : 305.0nm	MODE : 304.0nm
Particle # : 2.1E+03	Object # : 2.31E+03

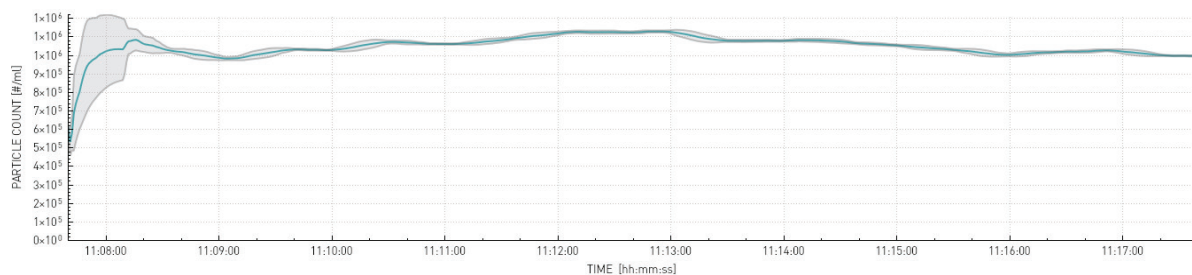
PARTICLE SIZE DISTRIBUTION - NUMBER BASED



PARTICLE SIZE DISTRIBUTION - VOLUME BASED



CONCENTRATION



D-VALUE DISTRIBUTION

