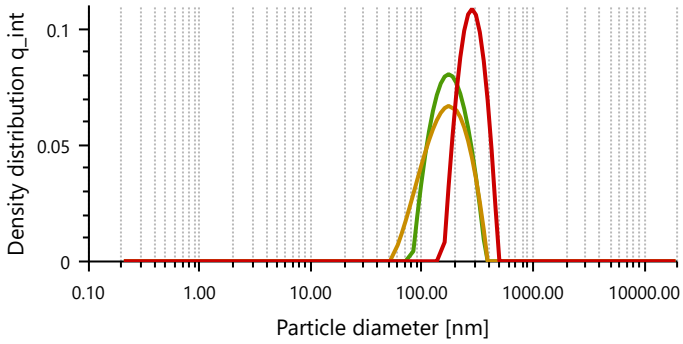
Multi measurement summary

Index	Measurement mode	Measurement name
1	Particle size series	NBC All Angles
2	Zeta potential series	NBC ZP

Measurement information

Measurement name	NBC All Angles	**User**	DLS Machine
Method name	NanoBase - 3-Angle DLS	**Time**	11/19/2026 11:06:11 AM
Status	Succeeded	**Software version**	5.6.5
Measurement mode	Particle size series	**Instrument type**	Litesizer DLS 701
Sample ID	NanoBase Classic	**Serial number**	85210400
Batch number	-	**Module type**	BM11
		Module serial number	85122383
Series type	Angle	**Attenuator optical density**	(Automatic Mode)
Measurement cell	Quartz	**Focus position**	(Automatic Mode)
Measurement angle	- (Series parameter)	**Material**	Phospholipids
Target temperature	25.0 °C	**Material refractive index**	1.4500
Equilibration time	0h 02m 00s	**Material absorption index**	0.0010
Analysis model	General	**Solvent**	Water
Cumulant model	ISO 22412	**Solvent refractive index**	1.3303
Quality mode	Automatic	**Solvent viscosity**	0.0008903 Pa.s
Max. number of runs	60	**Optical filter side scatter (90°)**	None
Time for each run	0h 00m 10s	**Optical filter forward scatter (15°)**	None
		Optical filter back scatter (175°)	None

Particle size distribution (intensity)



Measurements - Intensity

Index	Color	Angle	Hydrodyn. diam. [nm]	Polydispersity [%]	Peak 1 [nm]	Peak 2 [nm]	Peak 3 [nm]	Transmittance [%]
1		Side scatter (90°)	176.98	17.0	186.29	-	-	85.1
2		Back scatter (175°)	160.41	23.9	176.12	-	-	85.0
3		Forward scatter (15°)	526.2	28.4	288.4	-	-	85.0

Expert advices

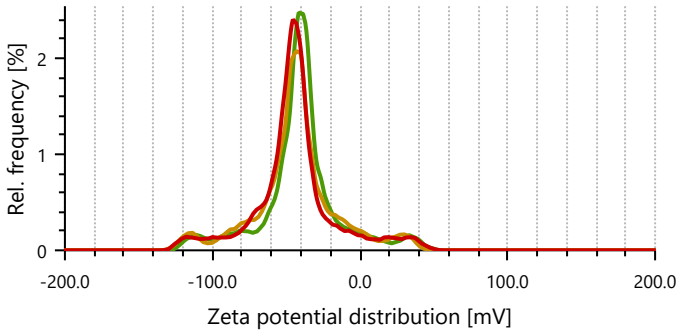
No expert advice was triggered by this measurement.

Measurement information

Measurement name	NBC ZP	**User**	DLS Machine
Method name	NanoBase Zeta Potential	**Time**	11/19/2026 11:15:18 AM
Status	Succeeded	**Software version**	5.6.5

Measurement mode	Zeta potential series	**Instrument type**	Litesizer DLS 701
Sample ID	NanoBase Classic	**Serial number**	85210400
Batch number	-	**Module type**	BM11
		Module serial number	85122383
Series type	Repetition	**Attenuator optical density**	Automatic
Measurement cell	Omega cuvette Mat.No. 225288	**Solvent**	Water
Target temperature	25.0 °C	**Solvent refractive index**	1.3303
Equilibration time	0h 02m 00s	**Solvent viscosity**	0.0008903 Pa.s
Henry factor	1.25	**Solvent relative permittivity**	78.37
Adjusted voltage	(Automatic Mode)	**Optical filter**	None
Number of runs	(Automatic Mode)		

Zeta potential distribution



Measurements

Index	Color	Mean zeta pot. [mV]	Electroph. mobil. [µm*cm/Vs]	Conductivity [mS/cm]	Adjusted voltage [V]	Processed runs
1		-39.9	-2.5885	0.130	200.0	100
2		-41.2	-2.6743	0.130	200.0	100
3		-41.2	-2.6756	0.130	200.0	100

Expert advices

No expert advice was triggered by this measurement.