



Sample Details

Sample Name: 150 nm Standard
Project Name: Pfizer_BNT162_25Oct2021
Date and Time: Monday, October 25 2021 01:41:21 PM

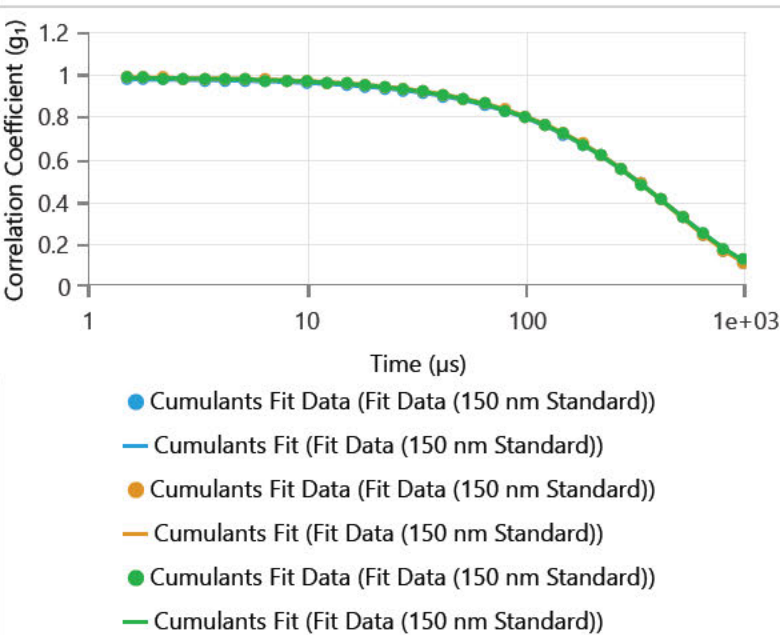
Type: Size
Cell Name: DTS0012
Material Name: Protein
Material RI: 1.45
Material Absorption: 0.001

Result Source: Instrument
Temperature (°C): 25
Dispersant Name: PBS - Pfizer
Dispersant RI: 1.34
Dispersant Viscosity (cP): 0.91
Dispersant Dielectric Constant: 78.5

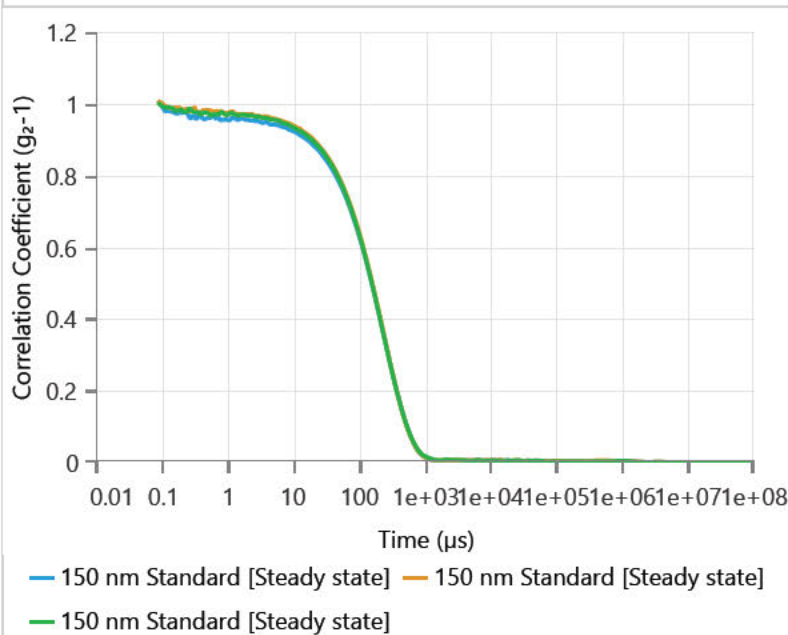
Statistics Table

Name	Mean	Standard Deviation	RSD	Minimum	Maximum
Z-Average (nm)	159.8	1.67	1.045	157.9	160.8
Polydispersity Index (PI)	0.03643	0.02626	72.07	0.01174	0.06402

Cumulants Fit



Correlogram





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Dispersant RI: 1.34
Dispersant Viscosity (cP): 0.91
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Statistics Table

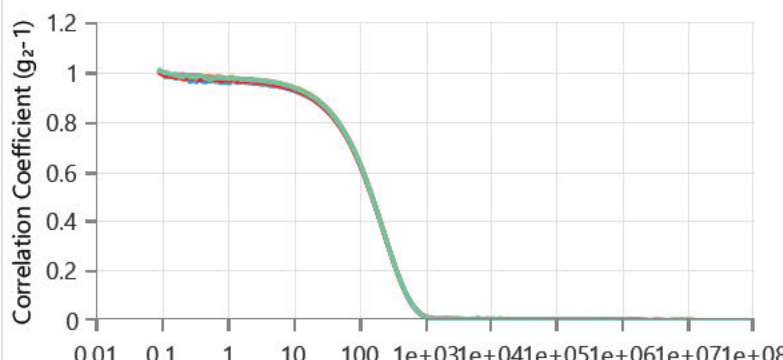
Name	Mean	Standard Deviation	RSD	Minimum	Maximum
Z-Average (nm)	159.1	1.402	0.8813	157.6	160.8
Polydispersity Index (PI)	0.0301	0.02217	73.63	0.009623	0.06402

Cumulants Fit



- Cumulants Fit Data (Fit Data (150 nm Standard))
- Cumulants Fit (Fit Data (150 nm Standard))
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Correlogram



- 150 nm Standard [Steady state]
- 150 nm Standard [Steady state]
- 150 nm Standard [Steady state]
- 150 nm Standard final [Steady state]
- 150 nm Standard final [Steady state]
- 150 nm Standard final [Steady state]





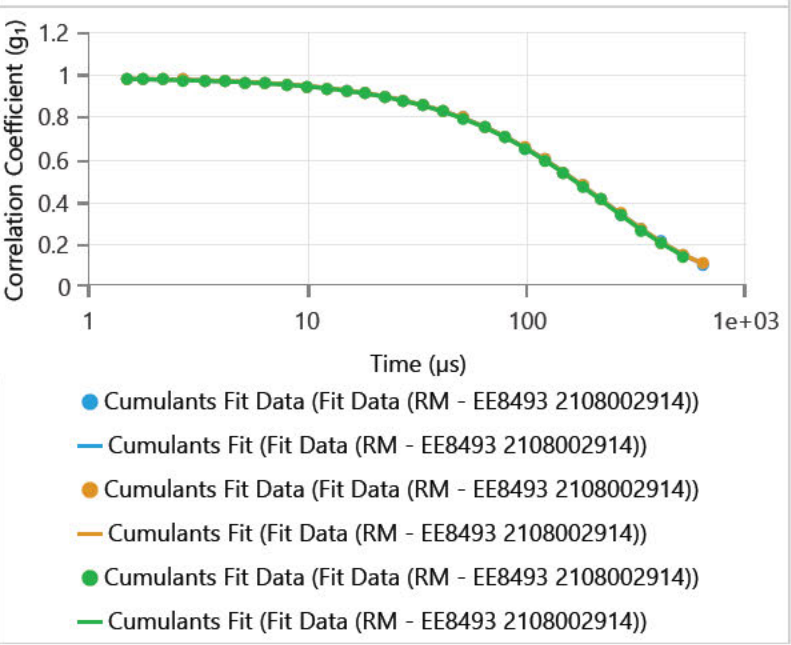
Sample Details

Sample Name:	RM - EE8493 2108002914	Result Source:	Instrument
Project Name:	Pfizer_BNT162_25Oct2021	Temperature (°C):	25
Date and Time:	Monday, October 25 2021 01:48:21 PM	Dispersant Name:	PBS - Pfizer
Type:	Size	Dispersant RI:	1.34
Cell Name:	DTS0012	Dispersant Viscosity (cP):	0.91
Material Name:	Protein	Dispersant Dielectric Constant:	78.5
Material RI:	1.45		
Material Absorption:	0.001		

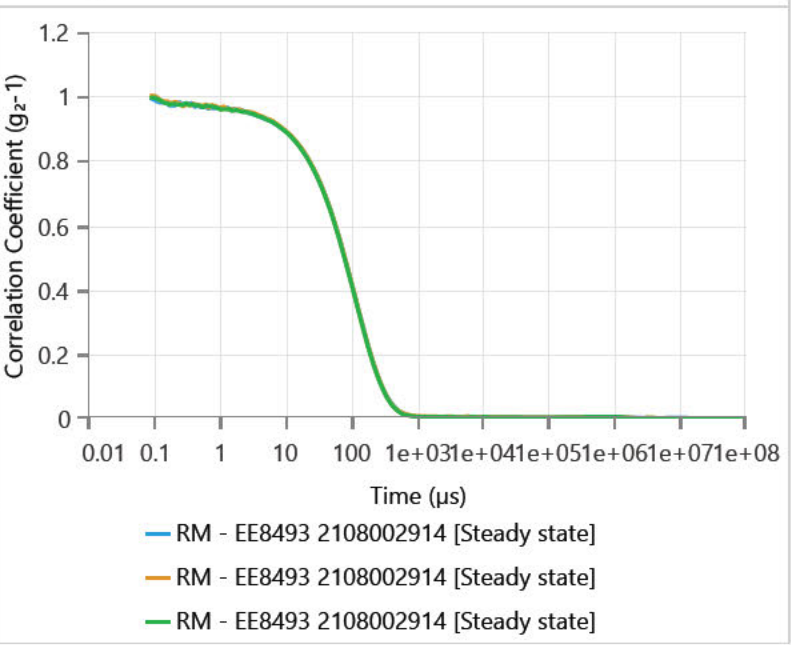
Statistics Table

Name	Mean	Standard Deviation	RSD	Minimum	Maximum
Z-Average (nm)	79	0.3935	0.498	78.63	79.41
Polydispersity Index (PI)	0.1263	0.006103	4.831	0.12	0.1322

Cumulants Fit



Correlogram





Sample Details

Sample Name:	FH3221 - 2110003737		
Project Name:	Pfizer_BNT162_25Oct2021		
Date and Time:	Monday, October 25 2021 01:55:16 PM		
Type:	Size	Result Source:	Instrument
Cell Name:	DTS0012	Temperature (°C):	25
Material Name:	Protein	Dispersant Name:	PBS - Pfizer
Material RI:	1.45	Dispersant RI:	1.34
Material Absorption:	0.001	Dispersant Viscosity (cP):	0.91
		Dispersant Dielectric Constant:	78.5

Statistics Table

Name	Mean	Standard Deviation	RSD	Minimum	Maximum
Z-Average (nm)					
Polydispersity Index (PI)					

Cumulants Fit



Correlogram

