Size Report - 2 Page Example

Malvern Panalytical



Sample Details

Sample Name: SA02-214-4 2 mM
Project Name: Shuntaro Amano

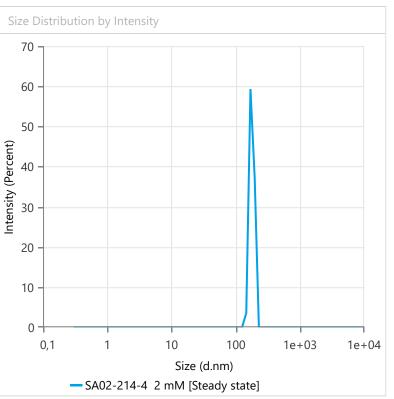
Date and Time: vendredi, octobre 27 2023 02:47:37

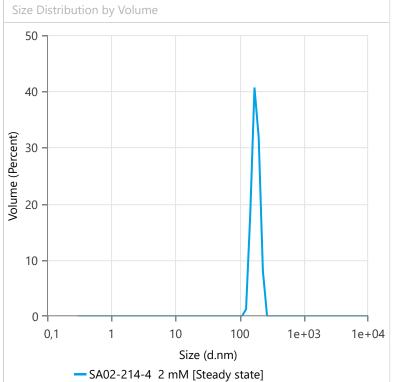
Type: Size
Cell Name: DTS0012
Material Name: Polystyrene latex

Material RI: 1,59 **Material Absorption:** 0,01

Result Source: Instrument

Temperature (°C): 25
Dispersant Name: Water
Dispersant RI: 1,33
Dispersant Viscosity (cP): 0,887
Dispersant Dielectric Constant: 78,5

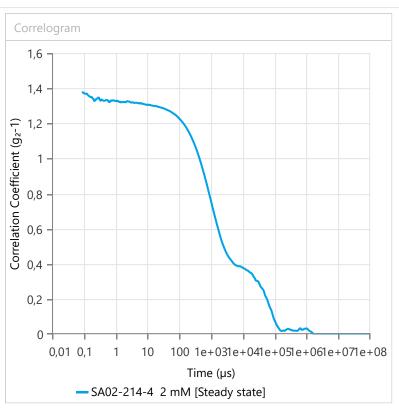


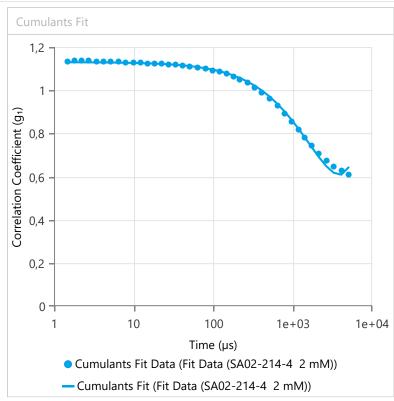


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Data Quality Guidance					
	SA02-214-4 2 mM Number fluctuations				

Name Mean Standard Deviation RSD Minimum N Z-Average (nm) 542 - - 542 5 Polydispersity Index (PI) 0,8069 - - 0,8069 0 Intercept 1,13 - - 1,13 1 Fit Error 0,007557 - - 0,007557 0 In Range (%) 88,9 - - 88,9 8 Peak 1 Mean by Intensity ordered by area (nm) 179,4 - 179,4 1	Statistics Table								
Polydispersity Index (PI) 0,8069 - - 0,8069 0 Intercept 1,13 - - 1,13 1 Fit Error 0,007557 - - 0,007557 0 In Range (%) 88,9 - - 88,9 8	Name	Mean	Standard Deviation	RSD	Minimum	Ν			
Intercept 1,13 - 1,13 1 Fit Error 0,007557 - - 0,007557 0 In Range (%) 88,9 - - 88,9 8	Z-Average (nm)	542	-	-	542	5			
Fit Error 0,007557 - - 0,007557 0 In Range (%) 88,9 - - 88,9 8	Polydispersity Index (PI)	0,8069	-	-	0,8069	C			
In Range (%) 88,9 88,9 8	Intercept	1,13	-	-	1,13	1			
	Fit Error	0,007557	-	-	0,007557	C			
Peak 1 Mean by Intensity ordered by area (nm) 179,4 179,4 1	In Range (%)	88,9	-	-	88,9	8			
	Peak 1 Mean by Intensity ordered by area (nm)	179,4	-	-	179,4	1			
	<					>			

Instrument Serial Number: MAL1261570
Software Version : 2.2.0.147

Method Path



Parameter List

ZS XPLORER