

Extended Analysis Report



Sample: **A1M24I041_P2**
Measurement date: 2024年9月4日 下午 04:03

Sample Details

Investigation: TRPS_20240904
Sample: A1M24I041_P2
ca293bb2-00d5-42ef-9021-c81d3069e114
Electrolyte ID: PBS (137 mM)
Dilution: 10
Record: *TRPS_20240904_NP200_C10691_20240904T142030.idfs*
7d65088b-ef47-4b37-bad1-6e9d46162591
Notes:

Sample Statistics

Size

Particle Diameter - Mean (nm):	105	d50 (nm):	78		
Particle Diameter - Mode (nm):	68	d10 (nm):	57		
Particle Diameter - Max.(nm):	784	d90 (nm):	180		
Particle Diameter - Min. (nm):	33	d90/d10:	3.14	Span	1.56

Concentration

Measured Mean Concentration (particles/mL):	[0-∞]	7.46e+08
Raw Mean Concentration (particles/mL):	[0-∞]	7.46e+09

Duration

Baseline Duration - Mean (ms):	0.75	FWHM Duration - Mean (ms):	0.08
Baseline Duration - Mode (ms):	0.23	FWHM Duration - Mode (ms):	0.05
Baseline Duration - Max. (ms):	42.56	FWHM Duration - Max. (ms):	15.66
Baseline Duration - Min. (ms):	0.03	FWHM Duration - Min. (ms):	0.00

Run Statistics

Run Time (s):	166.3	Av. Current (nA):	1076.26
Particle Count:	1143	Av. RMS Noise (pA):	103.22
Particle Rate (particles/min):	412.4		

Measurement Settings

Measurement Date: 2024-09-04 16:03
Operator: N/A
Instrument: Exoid-67-R
Nanopore ID: NP200_C Part #: N/A
Stretch (mm): 48.99
Pressure (Pa): 1000
Voltage (mV): 1100
Bandwidth Filter (kHz): Not Applied
Gain: N/A

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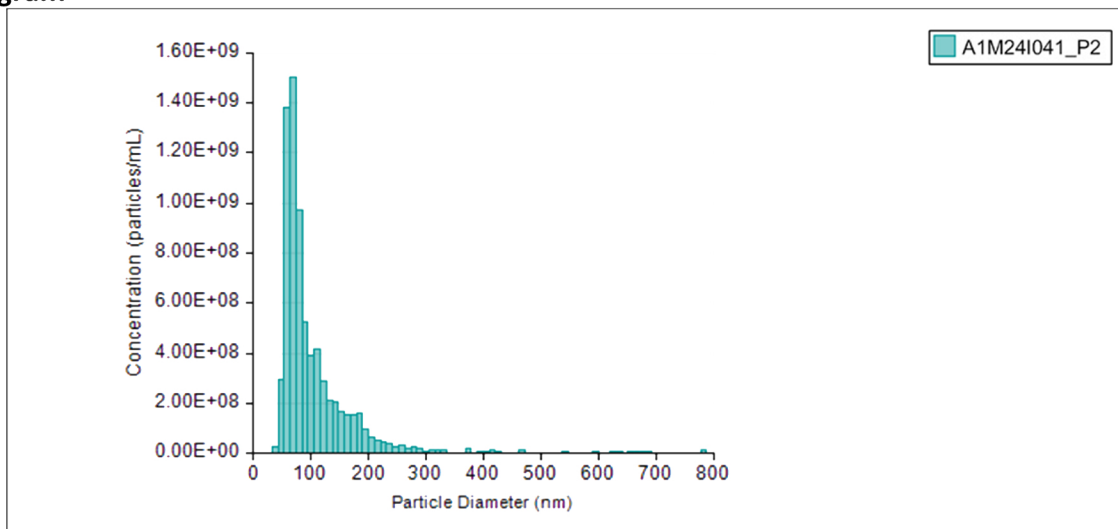
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Calibration Files

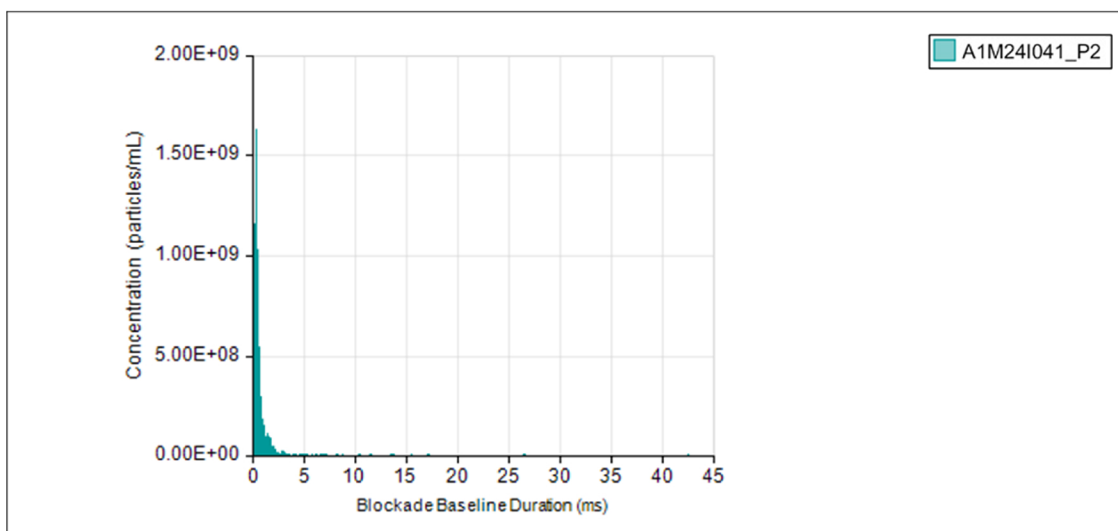
Sample ID	P (cm H2O)	Filename
CPC100_20230718_P2	1,000.00	C:\Users\MSI-XI\Documents\Exoid Data\TRPS_20240904 \TRPS_20240904_NP200_C10691_20240904T142030.idfs
CPC100_20230718_P2	1,000.00	C:\Users\MSI-XI\Documents\Exoid Data\TRPS_20240904 \TRPS_20240904_NP200_C10691_20240904T142030.idfs

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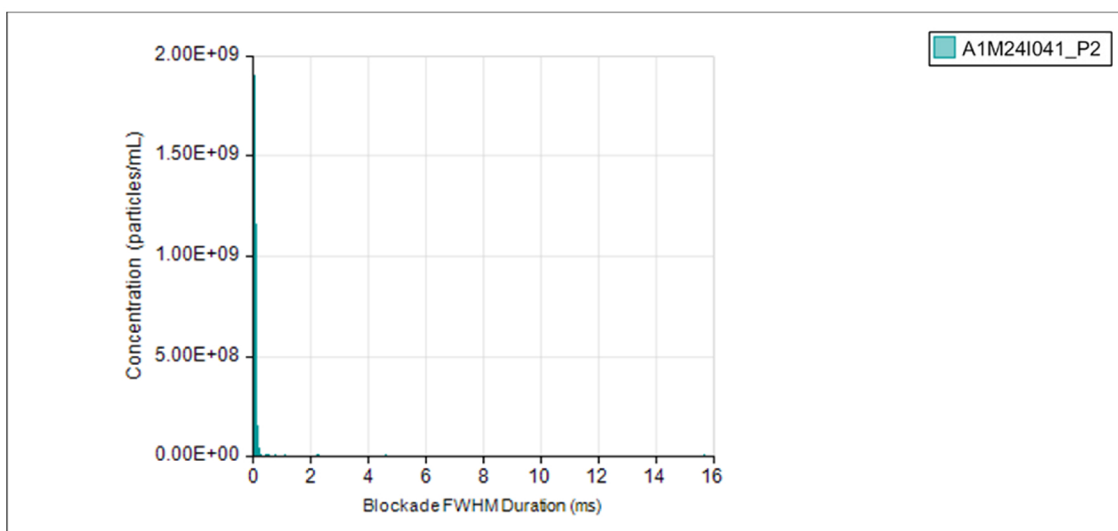
Size Histogram



Baseline Duration Histogram

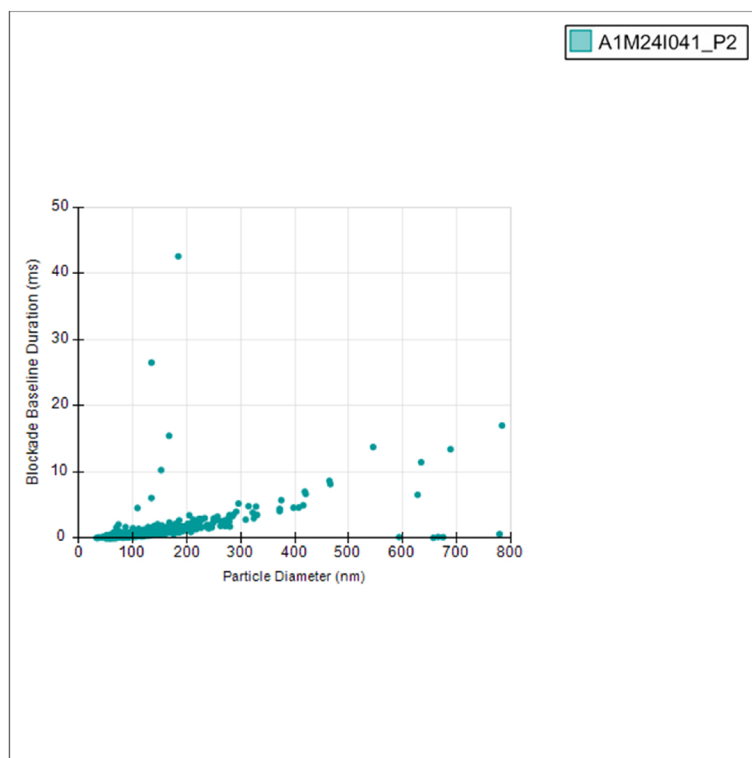


FWHM Duration Histogram



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Baseline Duration v Size Scatter Plot



FWHM Duration v Size Scatter Plot

