

Extended Analysis Report



Sample: 測試樣本_P2
Measurement date: 2023年8月4日 下午 03:06

Sample Details

Investigation: 20230804
Sample: 測試樣本
63021e27-8721-4d2f-9373-74085110eebe
Electrolyte ID: PBS (137 mM)
Dilution: 1000
Record: 20230804_A89039_20230804T144716.idfs
39e4f803-70da-468b-9c0c-651fca5479dc
Notes:

Sample Statistics

Size

Particle Diameter - Mean (nm):	104	d50 (nm):	103
Particle Diameter - Mode (nm):	101	d10 (nm):	95
Particle Diameter - Max.(nm):	143	d90 (nm):	114
Particle Diameter - Min. (nm):	76	d90/d10:	1.20

Span 0.18

Concentration

Measured Mean Concentration (particles/mL):	[0-∞]	2.34e+10
Raw Mean Concentration (particles/mL):	[0-∞]	2.34e+13

Duration

Baseline Duration - Mean (ms):	2.23	FWHM Duration - Mean (ms):	0.25
Baseline Duration - Mode (ms):	1.33	FWHM Duration - Mode (ms):	0.23
Baseline Duration - Max. (ms):	12.33	FWHM Duration - Max. (ms):	1.46
Baseline Duration - Min. (ms):	0.61	FWHM Duration - Min. (ms):	0.13

Run Statistics

Run Time (s):	118.5	Av. Current (nA):	143.89
Particle Count:	488	Av. RMS Noise (pA):	9.16
Particle Rate (particles/min):	247.1		

Measurement Settings

Measurement Date: 20230804
Operator: N/A
N/A
Instrument: 210521144
Nanopore ID: A89039 Part #: N/A
Stretch (mm): 47.99
Pressure (cm H2O): 1000.00
Voltage (V): -0.80
Bandwidth Filter (kHz): Not Applied
Gain: N/A

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Calibration Files

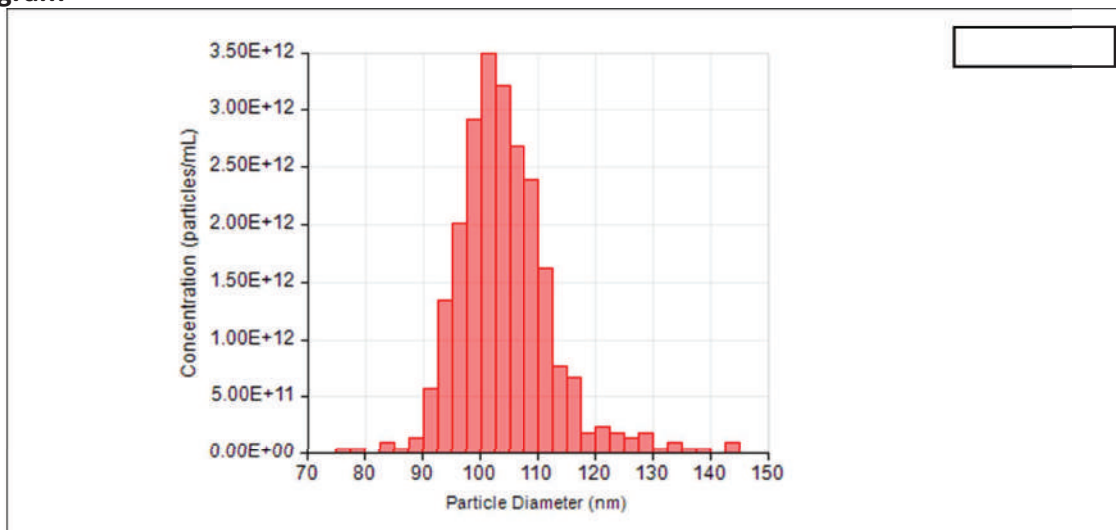
Sample ID	P (cm H2O)	Filename
測試樣本_P2	1,000.00	C:\Users\User\Documents\Exoid Data\20230804 \20230804_A89039_20230804T144716.idfs

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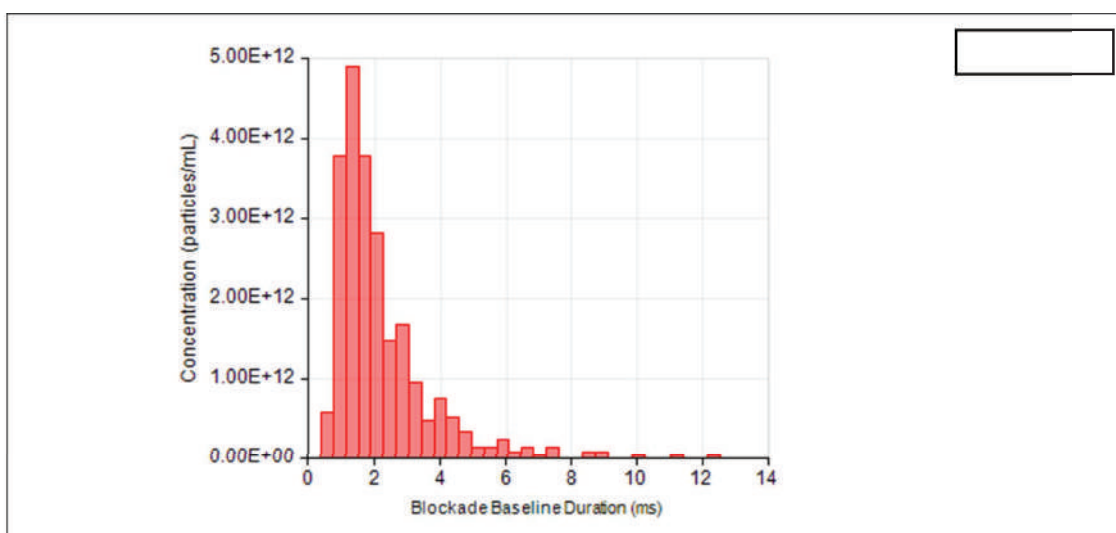


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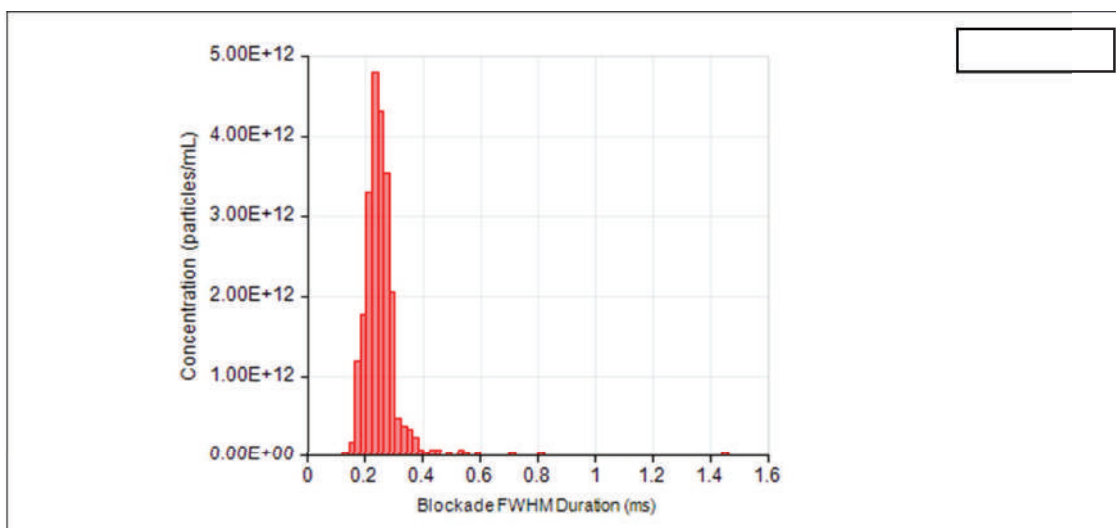
Size Histogram



Baseline Duration Histogram



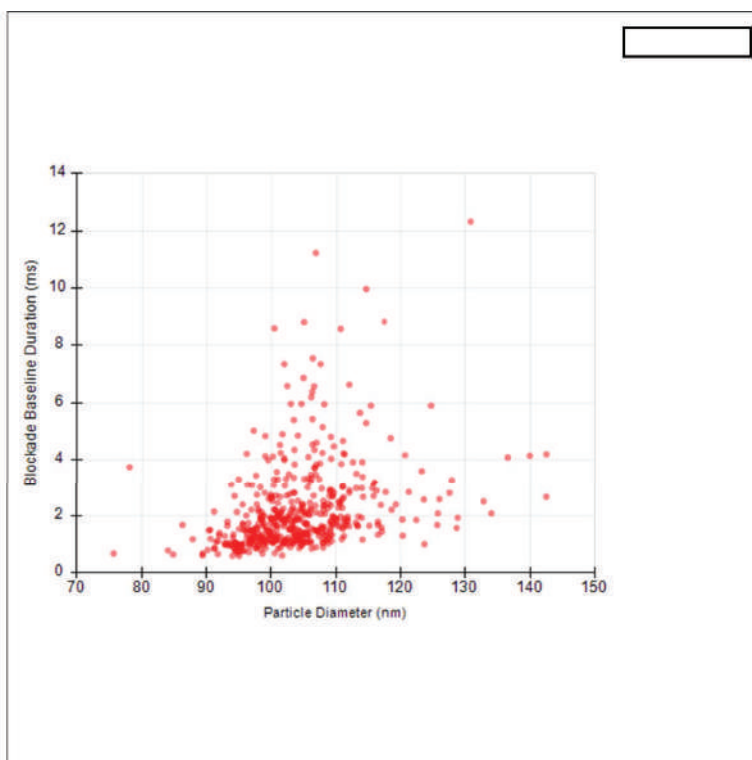
FWHM Duration Histogram



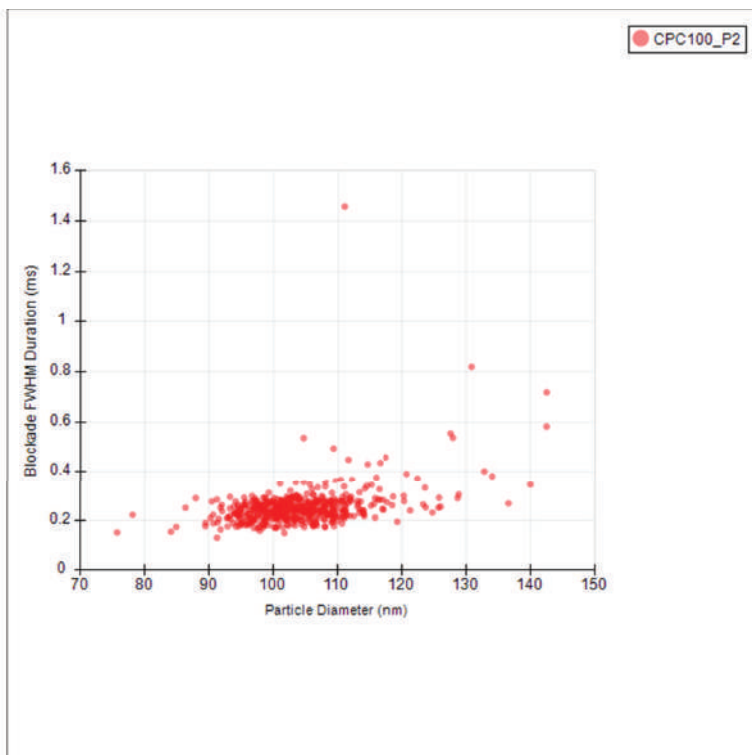
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Baseline Duration v Size Scatter Plot



FWHM Duration v Size Scatter Plot



Charge Report



Sample: 測試樣本_P1
Measurement date: 2023年8月4日 下午 04:39

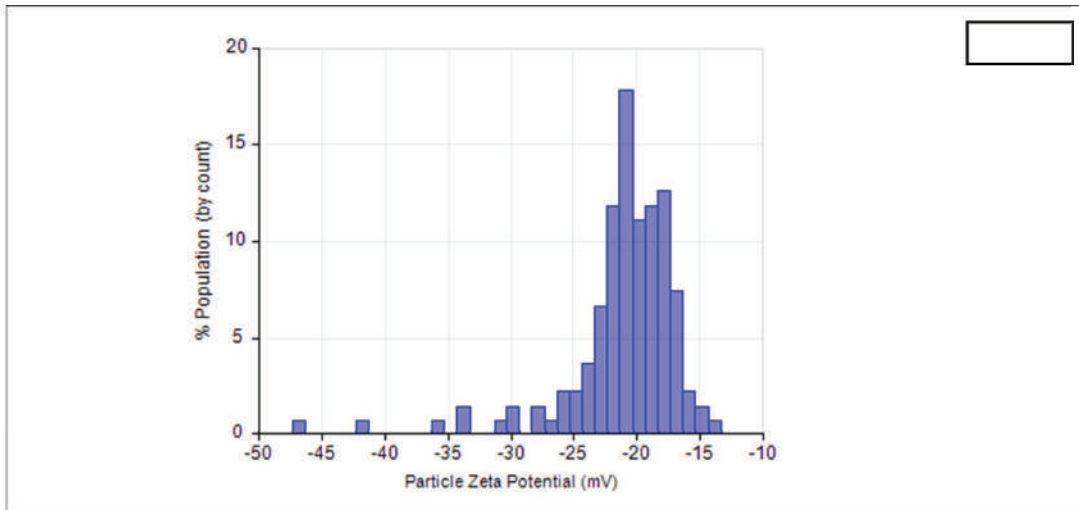
Sample Statistics

Particle diameter (nm)

Mean:	101 (Std Dev=48.8)	d50:	87	
Mode:	71	d10:	65	d90: 150
Maximum:	375	d90/d10:	2.29	
Minimum:	58	Span:	0.97	

Sample Charge (mV)

Mean Charge:	-21.1
mode Charge:	-21.4



Measurement

Software version:	1.0.2.9
Capture assistant:	None
Investigation:	20230804
Sample ID:	測試樣本_P1 6c7bf1cd-bb9a-44bd-a046-eef00478694c
Electrolyte:	PBS (137 mM)
Dilution:	50
Pressure:	0
Nanopore ID:	A89039
Nanopore Type:	N/A
Calibration sample ID(s):	
Notes:	