

Standard

9340	Zeta	Bacteria 1	Thursday, August 10, 2017 9:47:41 AM	25.0				-37.7	-2.957		0.307	0.00			Nano series
9341	Zeta	Bacteria 2	Thursday, August 10, 2017 9:49:20 AM	25.0				-40.7	-3.188		0.312	0.00			Nano series
9342	Zeta	Bacteria 3	Thursday, August 10, 2017 9:49:49 AM	25.0				-38.4	-3.012		0.313	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9342

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 9:49:49 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 130.0

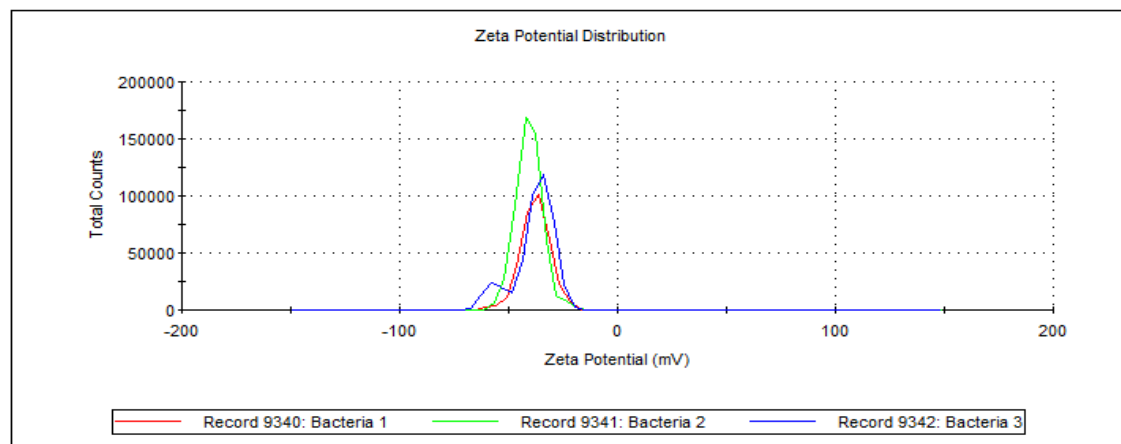
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 7

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -38.4	Peak 1: -35.4	83.9	5.84
Zeta Deviation (mV): 9.43	Peak 2: -55.9	16.1	5.02
Conductivity (mS/cm): 0.313	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9343	Zeta	Bacteria 1	Thursday, August 10, 2017 10:10:26 AM	25.0				-5.77	-0.4521		1.84	0.00			Nano series
9344	Zeta	Bacteria 2	Thursday, August 10, 2017 10:12:03 AM	25.0				-6.92	-0.5423		1.90	0.00			Nano series
9345	Zeta	Bacteria 3	Thursday, August 10, 2017 10:12:22 AM	25.0				-6.08	-0.4765		1.91	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9345

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:12:22 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 99.1

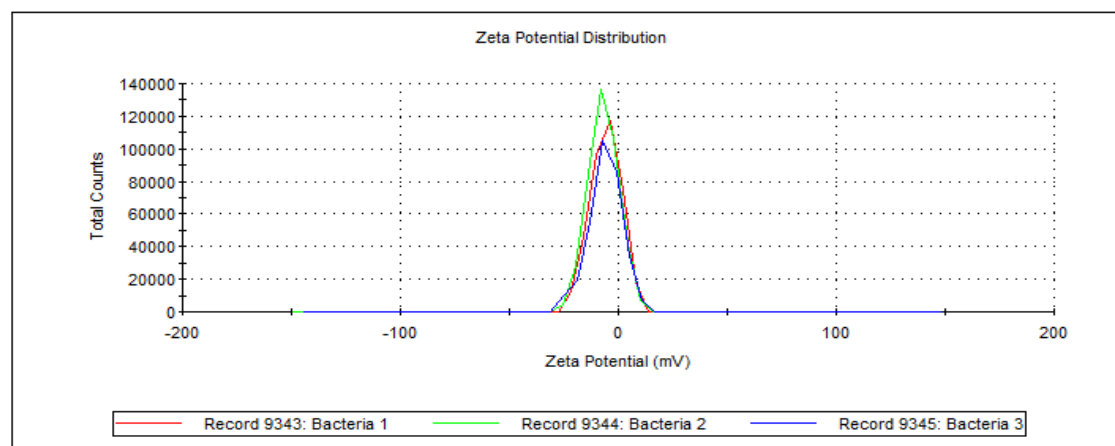
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.08	Peak 1: -6.08	100.0	7.47
Zeta Deviation (mV): 7.47	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.91	Peak 3: 0.00	0.0	0.00

Result quality : Good



9346	Zeta	Bacteria 1	Thursday, August 10, 2017 10:13:16 AM	25.0				-7.08	-0.5549		1.89	0.00			Nano series
9347	Zeta	Bacteria 2	Thursday, August 10, 2017 10:14:55 AM	24.9				-7.21	-0.5655		1.91	0.00			Nano series
9348	Zeta	Bacteria 3	Thursday, August 10, 2017 10:15:14 AM	24.9				-7.03	-0.5507		1.92	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9348

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:15:14 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 24.9

Zeta Runs: 5

Count Rate (kcps): 218.0

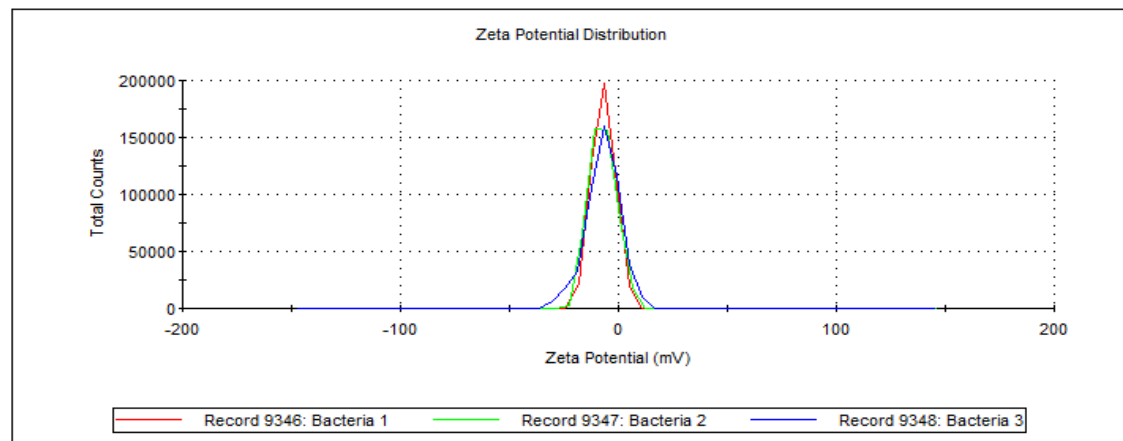
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.03	Peak 1: -7.03	100.0	7.75
Zeta Deviation (mV): 7.75	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.92	Peak 3: 0.00	0.0	0.00

Result quality : Good



9349	Zeta	Bacteria 1	Thursday, August 10, 2017 10:15:53 AM	25.0				-6.85	-0.5372		1.90	0.00			Nano series
9350	Zeta	Bacteria 2	Thursday, August 10, 2017 10:17:32 AM	25.0				-7.22	-0.5662		1.92	0.00			Nano series
9351	Zeta	Bacteria 3	Thursday, August 10, 2017 10:17:51 AM	25.0				-7.30	-0.5719		1.94	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9351

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:17:51 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 77.0

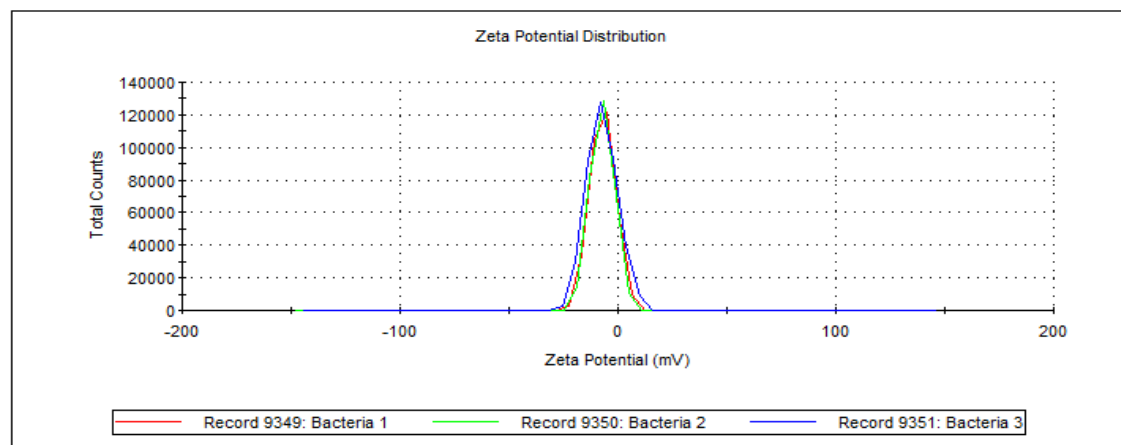
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.30	Peak 1: -7.30	100.0	7.07
Zeta Deviation (mV): 7.07	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.94	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9352	Zeta	Bacteria 1	Thursday, August 10, 2017 10:18:37 AM	25.0				-6.87	-0.5385		1.90	0.00			Nano series
9353	Zeta	Bacteria 2	Thursday, August 10, 2017 10:20:16 AM	25.0				-7.53	-0.5899		1.95	0.00			Nano series
9354	Zeta	Bacteria 3	Thursday, August 10, 2017 10:20:35 AM	24.9				-6.87	-0.5388		1.97	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9354

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:20:35 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 24.9

Zeta Runs: 5

Count Rate (kcps): 187.5

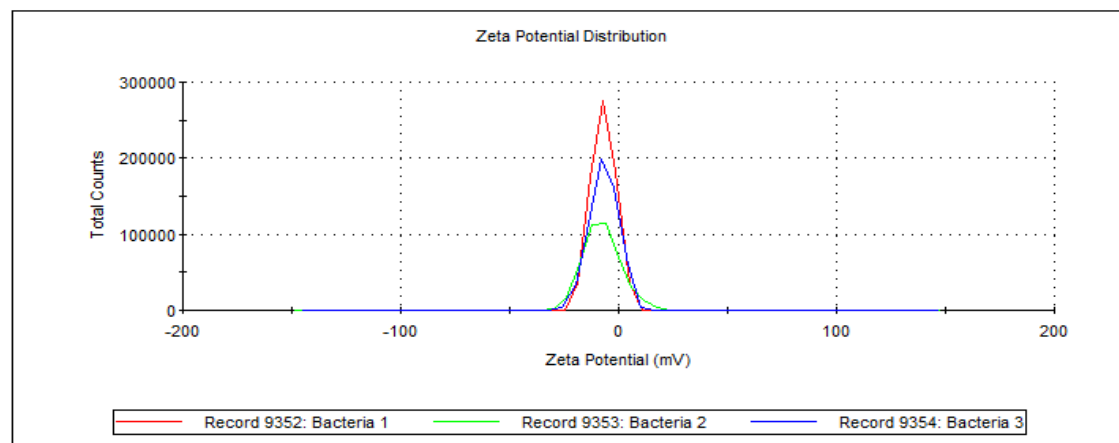
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.87	Peak 1: -6.87	100.0	6.61
Zeta Deviation (mV): 6.61	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.97	Peak 3: 0.00	0.0	0.00

Result quality : Good



9355	Zeta	Bacteria 1	Thursday, August 10, 2017 10:21:16 AM	24.9				-6.33	-0.4966		1.97	0.00			Nano series
9356	Zeta	Bacteria 2	Thursday, August 10, 2017 10:22:55 AM	24.9				-6.11	-0.4793		1.99	0.00			Nano series
9357	Zeta	Bacteria 3	Thursday, August 10, 2017 10:23:17 AM	25.0				-7.50	-0.5881		2.00	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9357

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:23:17 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 308.3

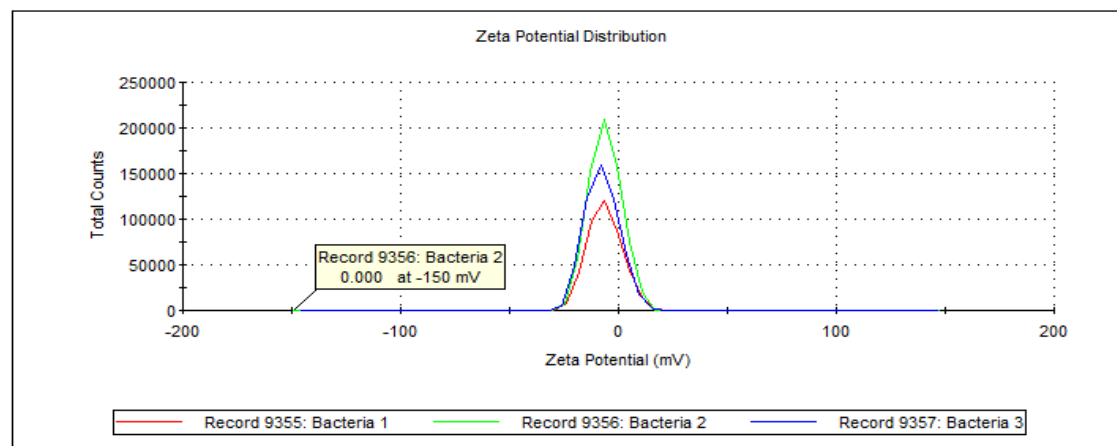
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.50	Peak 1: -7.50	100.0	7.67
Zeta Deviation (mV): 7.67	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.00	Peak 3: 0.00	0.0	0.00

Result quality : Good



9358	Zeta	Bacteria 1	Thursday, August 10, 2017 10:23:57 AM	24.9				-6.95	-0.5448		1.97	0.00			Nano series
9359	Zeta	Bacteria 2	Thursday, August 10, 2017 10:25:36 AM	24.9				-7.06	-0.5531		2.00	0.00			Nano series
9360	Zeta	Bacteria 3	Thursday, August 10, 2017 10:25:58 AM	25.0				-7.19	-0.5640		2.01	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9360

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:25:58 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 64.7

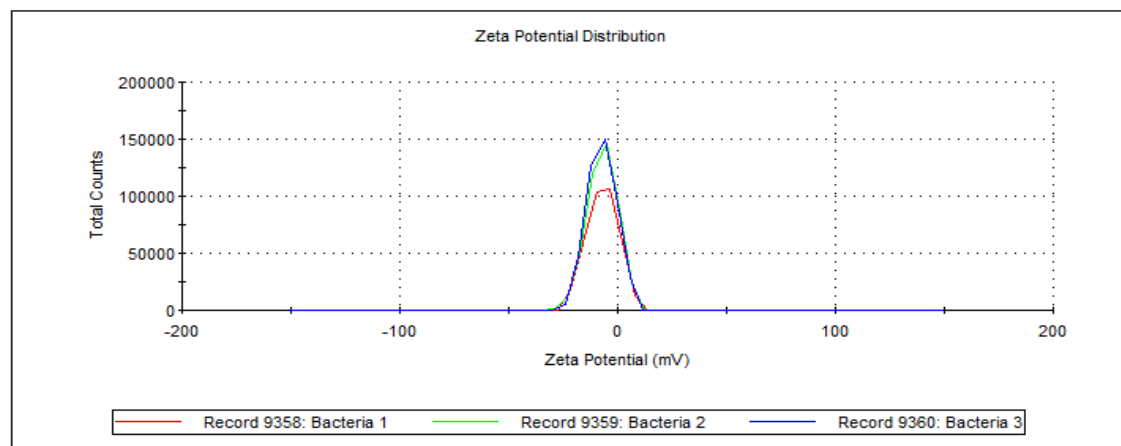
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.19	Peak 1: -7.19	100.0	6.62
Zeta Deviation (mV): 6.62	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.01	Peak 3: 0.00	0.0	0.00

Result quality : Good



9361	Zeta	Bacteria 1	Thursday, August 10, 2017 10:26:44 AM	25.0				-12.4	-0.9699		1.86	0.00			Nano series
9362	Zeta	Bacteria 2	Thursday, August 10, 2017 10:28:26 AM	25.0				-13.7	-1.074		1.91	0.00			Nano series
9363	Zeta	Bacteria 3	Thursday, August 10, 2017 10:28:45 AM	25.0				-15.2	-1.189		1.92	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9363

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:28:45 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 8

Count Rate (kcps): 72.5

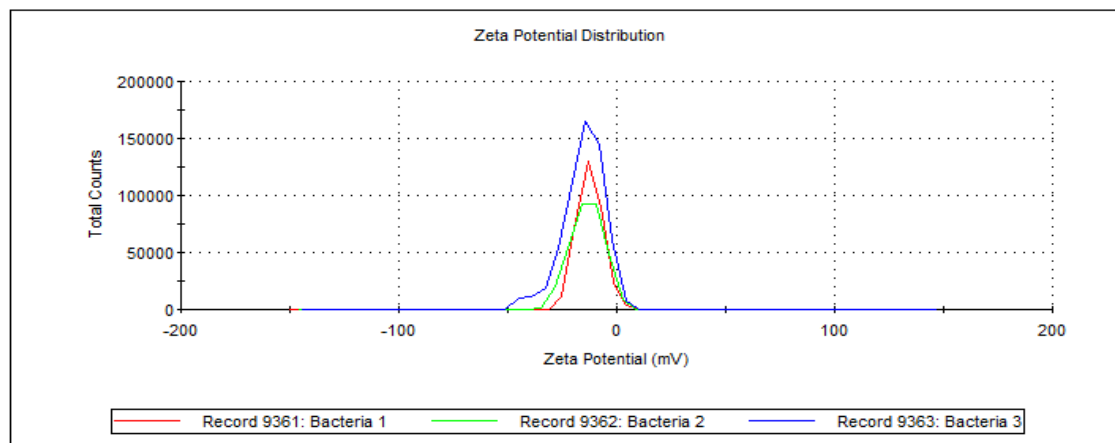
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -15.2	Peak 1: -15.2	100.0	9.50
Zeta Deviation (mV): 9.50	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.92	Peak 3: 0.00	0.0	0.00

Result quality : Good



9364	Zeta	Bacteria 1	Thursday, August 10, 2017 10:29:38 AM	25.0				-6.57	-0.5154		2.00	0.00			Nano series
9365	Zeta	Bacteria 2	Thursday, August 10, 2017 10:31:20 AM	25.0				-7.88	-0.6180		2.09	0.00			Nano series
9366	Zeta	Bacteria 3	Thursday, August 10, 2017 10:31:39 AM	25.0				-6.20	-0.4862		2.11	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9366

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:31:39 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 572.0

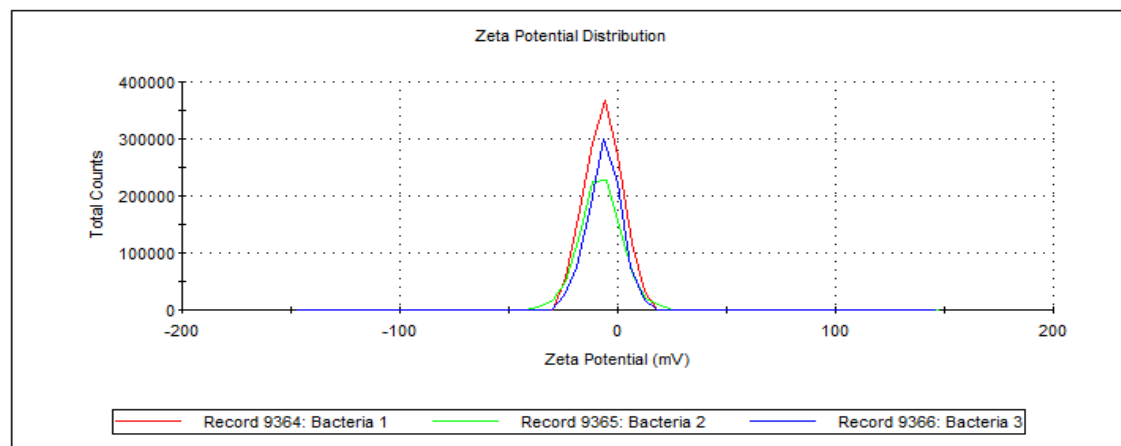
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.20	Peak 1: -6.20	100.0	7.61
Zeta Deviation (mV): 7.61	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.11	Peak 3: 0.00	0.0	0.00

Result quality : Good



9367	Zeta	Bacteria 1	Thursday, August 10, 2017 10:32:17 AM	25.0				-6.63	-0.5201		2.00	0.00			Nano series
9368	Zeta	Bacteria 2	Thursday, August 10, 2017 10:33:59 AM	25.0				-7.35	-0.5760		2.09	0.00			Nano series
9369	Zeta	Bacteria 3	Thursday, August 10, 2017 10:34:21 AM	25.0				-6.42	-0.5033		2.11	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9369

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:34:21 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 9

Count Rate (kcps): 760.1

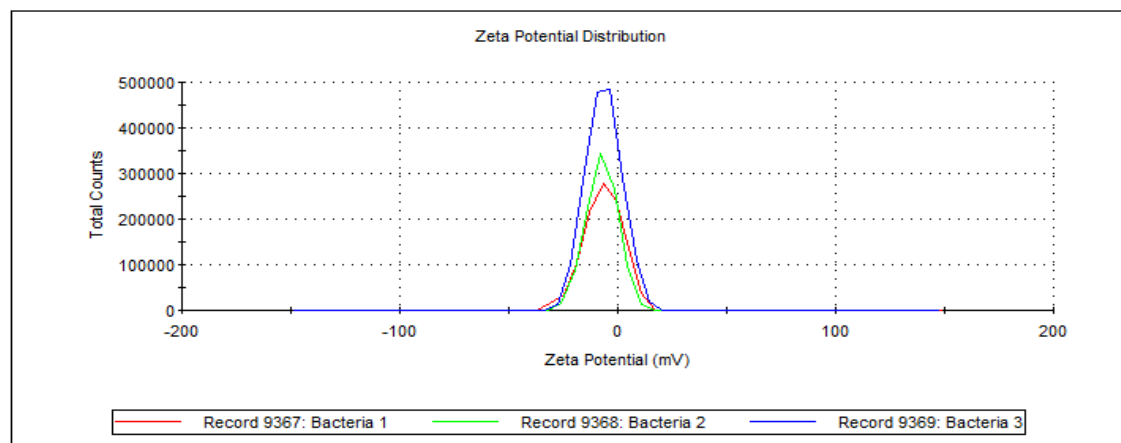
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.42	Peak 1: -6.42	100.0	8.12
Zeta Deviation (mV): 8.12	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.11	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9370	Zeta	Bacteria 1	Thursday, August 10, 2017 10:35:26 AM	25.0				-8.10	-0.6351		2.01	0.00			Nano series
9371	Zeta	Bacteria 2	Thursday, August 10, 2017 10:37:05 AM	25.0				-7.83	-0.6134		2.09	0.00			Nano series
9372	Zeta	Bacteria 3	Thursday, August 10, 2017 10:37:24 AM	25.0				-6.26	-0.4911		2.11	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9372

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:37:24 AM

Viscosity (cP): 0.8872

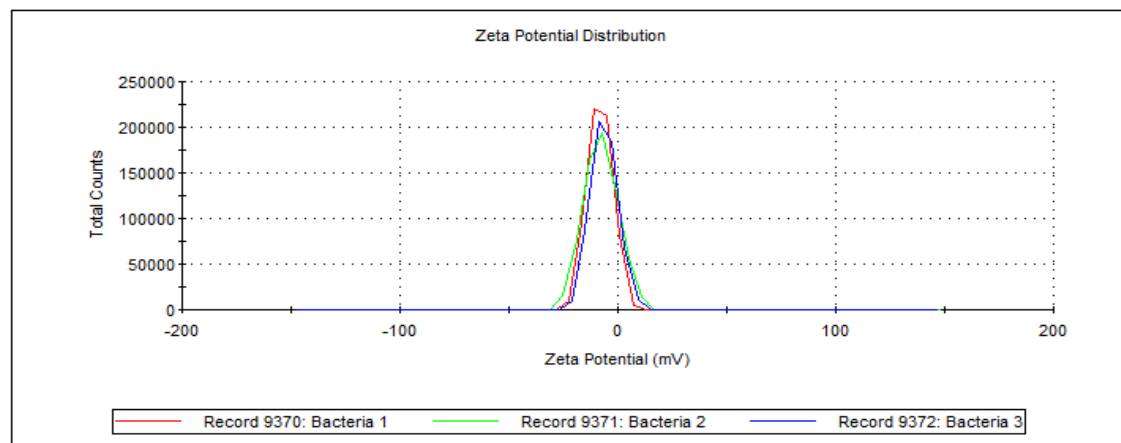
Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0
Count Rate (kcps): 157.0
Cell Description: Zeta dip cell

Zeta Runs: 5
Measurement Position (mm): 4.50
Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.26	Peak 1: -6.26	100.0	6.04
Zeta Deviation (mV): 6.04	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.11	Peak 3: 0.00	0.0	0.00

Result quality : Good



9373	Zeta	Bacteria 1	Thursday, August 10, 2017 10:38:05 AM	25.0				-6.78	-0.5316		2.03	0.00			Nano series
9374	Zeta	Bacteria 2	Thursday, August 10, 2017 10:40:05 AM	25.0				-7.66	-0.6004		2.12	0.00			Nano series
9375	Zeta	Bacteria 3	Thursday, August 10, 2017 10:40:24 AM	25.0				-6.69	-0.5246		2.12	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9375

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:40:24 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 251.7

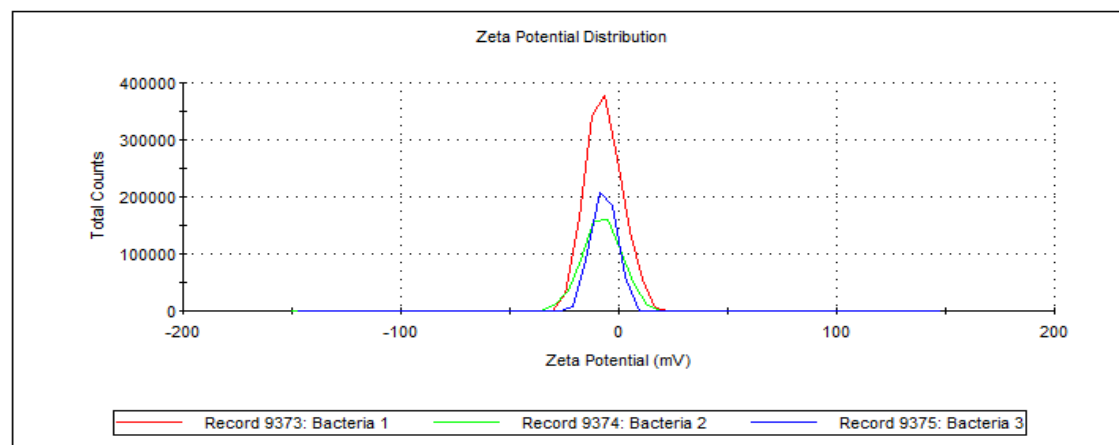
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.69	Peak 1: -6.69	100.0	5.61
Zeta Deviation (mV): 5.61	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.12	Peak 3: 0.00	0.0	0.00

Result quality : Good



9376	Zeta	Bacteria 1	Thursday, August 10, 2017 10:41:01 AM	25.0				-7.16	-0.5615		2.04	0.00			Nano series
9377	Zeta	Bacteria 2	Thursday, August 10, 2017 10:42:40 AM	25.1				-7.56	-0.5925		2.09	0.00			Nano series
9378	Zeta	Bacteria 3	Thursday, August 10, 2017 10:43:02 AM	25.0				-7.20	-0.5646		2.10	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9378

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:43:02 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 9

Count Rate (kcps): 612.1

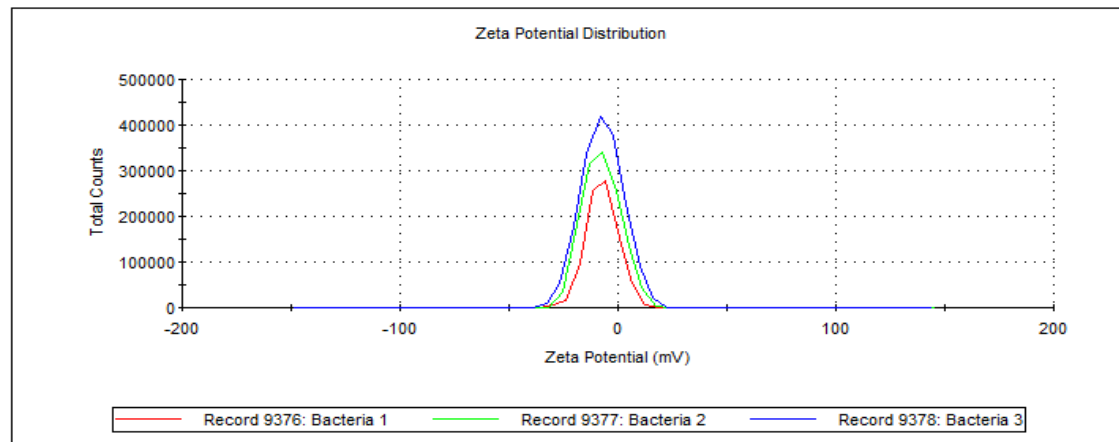
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.20	Peak 1: -7.20	100.0	9.41
Zeta Deviation (mV): 9.41	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.10	Peak 3: 0.00	0.0	0.00

Result quality : Good



9379	Zeta	Bacteria 1	Thursday, August 10, 2017 10:44:06 AM	25.0				-8.80	-0.6898		1.97	0.00		Nano series
9380	Zeta	Bacteria 2	Thursday, August 10, 2017 10:45:45 AM	25.0				-7.97	-0.6244		2.04	0.00		Nano series
9381	Zeta	Bacteria 3	Thursday, August 10, 2017 10:46:04 AM	25.0				-7.19	-0.5632		2.06	0.00		Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9381

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:46:04 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 8

Count Rate (kcps): 82.0

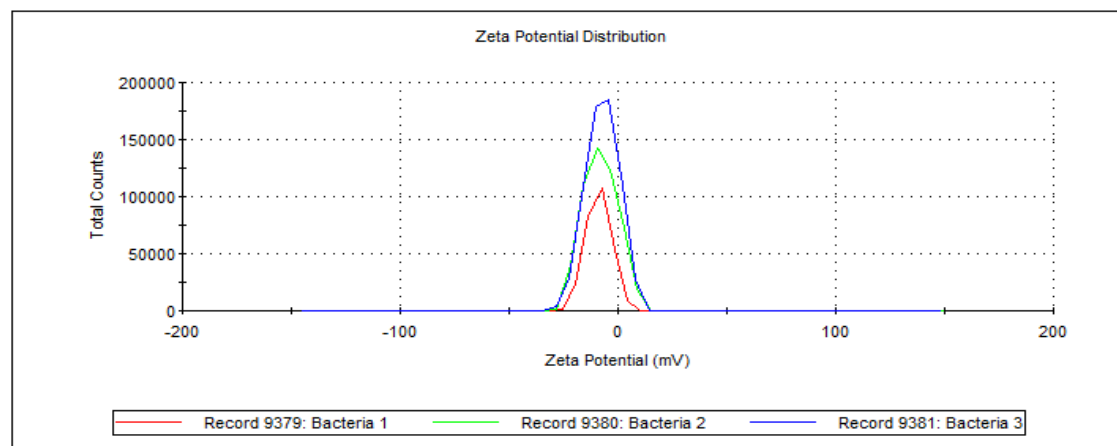
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.19	Peak 1: -7.19	100.0	7.53
Zeta Deviation (mV): 7.53	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.06	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9382	Zeta	Bacteria 1	Thursday, August 10, 2017 10:47:04 AM	25.0				-7.59	-0.5949		2.07	0.00			Nano series
9383	Zeta	Bacteria 2	Thursday, August 10, 2017 10:49:11 AM	25.0				-8.15	-0.6386		2.13	0.00			Nano series
9384	Zeta	Bacteria 3	Thursday, August 10, 2017 10:49:30 AM	25.0				-8.14	-0.6377		2.13	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9384

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:49:30 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 111.7

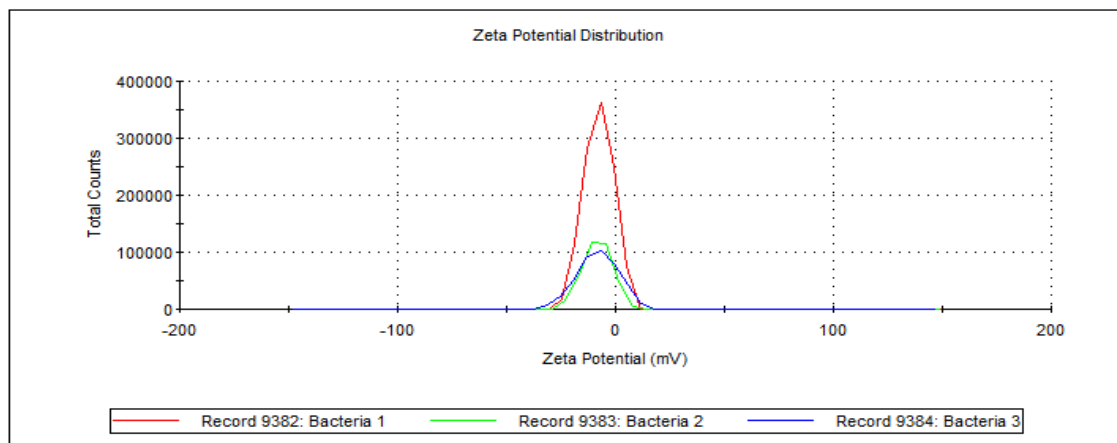
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.14	Peak 1: -8.14	100.0	9.23
Zeta Deviation (mV): 9.23	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.13	Peak 3: 0.00	0.0	0.00

Result quality : Good



9385	Zeta	Bacteria 1	Thursday, August 10, 2017 10:50:09 AM	25.0				-7.06	-0.5532		2.07	0.00			Nano series
9386	Zeta	Bacteria 2	Thursday, August 10, 2017 10:51:48 AM	25.0				-8.26	-0.6473		2.11	0.00			Nano series
9387	Zeta	Bacteria 3	Thursday, August 10, 2017 10:52:07 AM	25.0				-7.18	-0.5632		2.12	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9387

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:52:07 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 12

Count Rate (kcps): 149.3

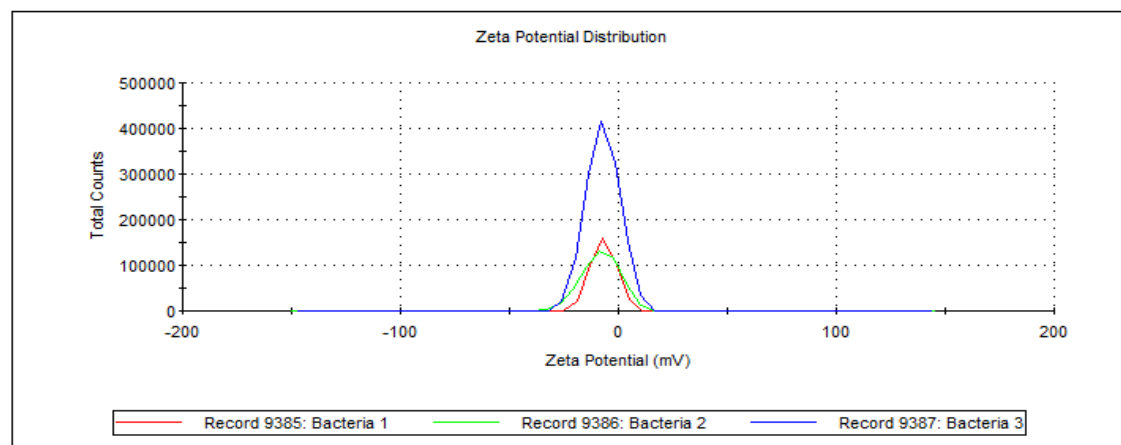
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.18	Peak 1: -7.18	100.0	7.71
Zeta Deviation (mV): 7.71	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.12	Peak 3: 0.00	0.0	0.00

Result quality : Good



9388	Zeta	Bacteria 1	Thursday, August 10, 2017 10:53:23 AM	25.0				-7.07	-0.5545		2.01	0.00			Nano series
9389	Zeta	Bacteria 2	Thursday, August 10, 2017 10:55:02 AM	25.0				-6.43	-0.5041		2.04	0.00			Nano series
9390	Zeta	Bacteria 3	Thursday, August 10, 2017 10:55:21 AM	25.0				-6.40	-0.5014		2.06	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9390

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 10:55:21 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 179.1

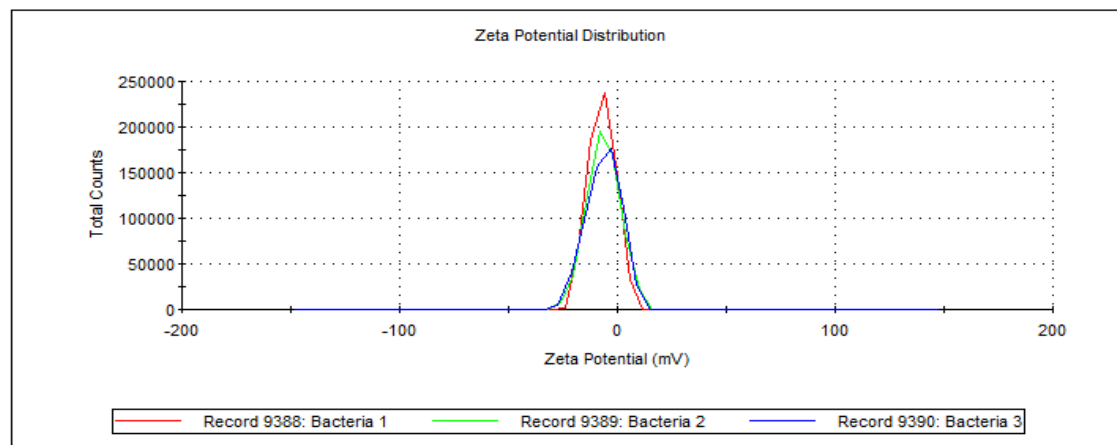
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.40	Peak 1: -6.40	100.0	7.80
Zeta Deviation (mV): 7.80	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.06	Peak 3: 0.00	0.0	0.00

Result quality : Good



9391	Zeta	Bacteria 1	Thursday, August 10, 2017 10:59:21 AM	25.0				-8.83	-0.6923		2.07	0.00			Nano series
9392	Zeta	Bacteria 2	Thursday, August 10, 2017 11:01:12 AM	25.0				-8.42	-0.6603		2.11	0.00			Nano series
9393	Zeta	Bacteria 3	Thursday, August 10, 2017 11:01:38 AM	25.0				-8.88	-0.6962		2.13	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9393

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:01:38 AM

Viscosity (cP): 0.8872

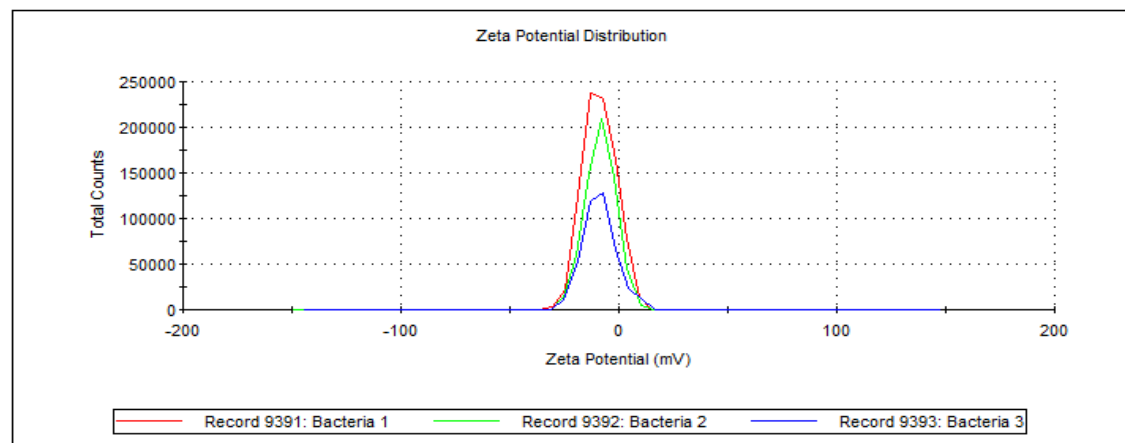
Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0
Count Rate (kcps): 176.4
Cell Description: Zeta dip cell

Zeta Runs: 5
Measurement Position (mm): 4.50
Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.88	Peak 1: -8.88	100.0	7.54
Zeta Deviation (mV): 7.54	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.13	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9394	Zeta	Bacteria 1	Thursday, August 10, 2017 11:02:21 AM	25.0				-9.63	-0.7549		2.10	0.00			Nano series
9395	Zeta	Bacteria 2	Thursday, August 10, 2017 11:04:00 AM	25.0				-8.88	-0.6963		2.13	0.00			Nano series
9396	Zeta	Bacteria 3	Thursday, August 10, 2017 11:04:19 AM	25.0				-9.62	-0.7544		2.14	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9396

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:04:19 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 399.9

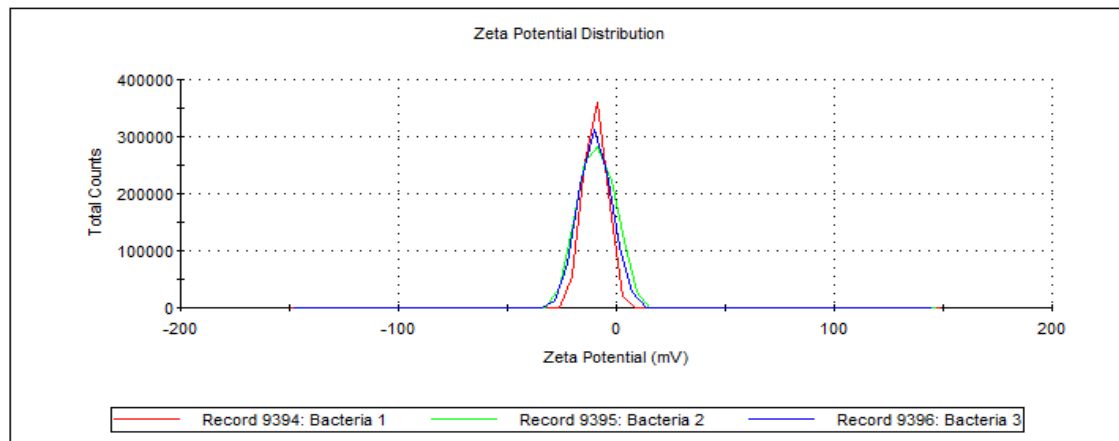
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -9.62	Peak 1: -9.62	100.0	7.42
Zeta Deviation (mV): 7.42	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.14	Peak 3: 0.00	0.0	0.00

Result quality : Good



9397	Zeta	Bacteria 1	Thursday, August 10, 2017 11:05:24 AM	25.0				-10.0	-0.7873		2.10	0.00			Nano series
9398	Zeta	Bacteria 2	Thursday, August 10, 2017 11:07:03 AM	25.0				-9.31	-0.7297		2.13	0.00			Nano series
9399	Zeta	Bacteria 3	Thursday, August 10, 2017 11:07:22 AM	25.0				-8.26	-0.6472		2.14	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9399

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:07:22 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 289.4

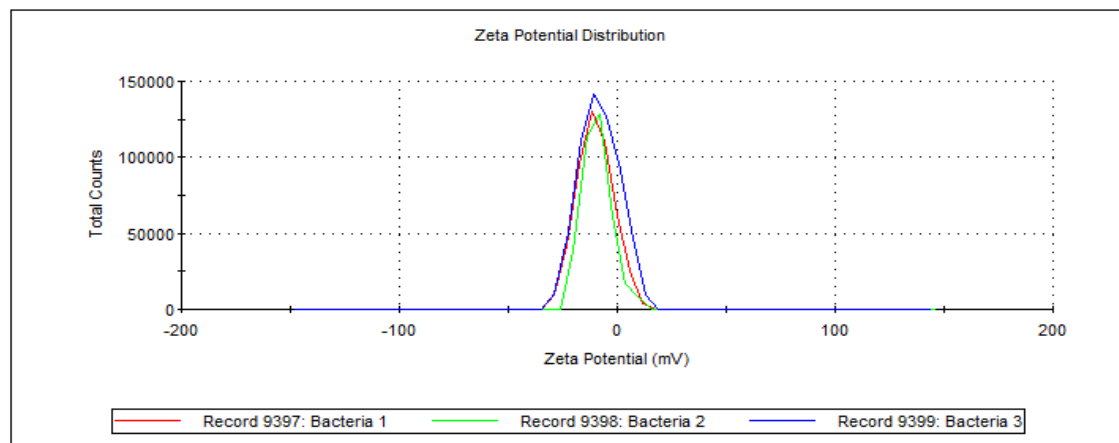
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.26	Peak 1: -8.26	100.0	9.10
Zeta Deviation (mV): 9.10	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.14	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9400	Zeta	Bacteria 1	Thursday, August 10, 2017 11:08:14 AM	25.0				-12.5	-0.9827		2.17	0.00			Nano series
9401	Zeta	Bacteria 2	Thursday, August 10, 2017 11:09:56 AM	25.0				-12.5	-0.9774		2.21	0.00			Nano series
9402	Zeta	Bacteria 3	Thursday, August 10, 2017 11:10:15 AM	25.0				-12.7	-0.9947		2.22	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9402

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:10:15 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 7

Count Rate (kcps): 78.5

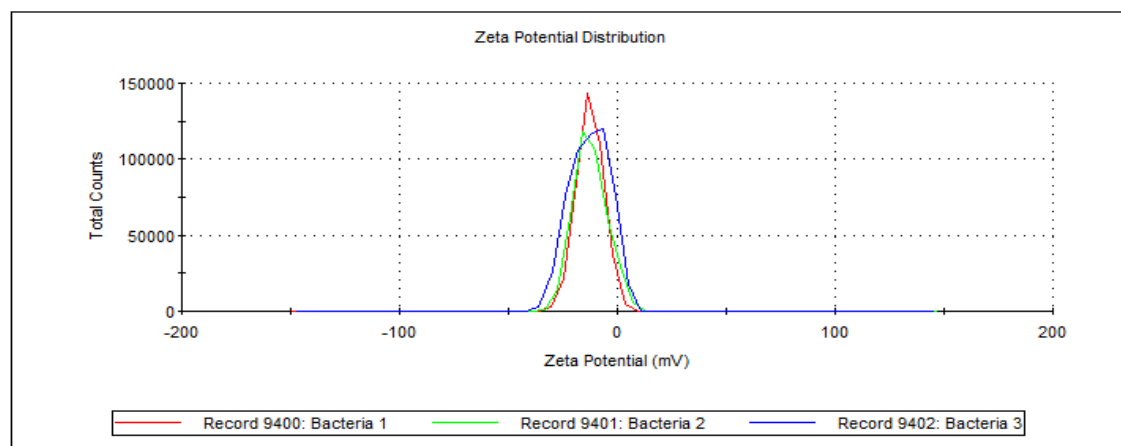
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -12.7	Peak 1: -12.7	100.0	8.99
Zeta Deviation (mV): 8.99	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.22	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9403	Zeta	Bacteria 1	Thursday, August 10, 2017 11:10:58 AM	25.0					-13.4	-1.054		2.19	0.00			Nano series
9404	Zeta	Bacteria 2	Thursday, August 10, 2017 11:12:40 AM	25.0					-12.7	-0.9994		2.22	0.00			Nano series
9405	Zeta	Bacteria 3	Thursday, August 10, 2017 11:12:59 AM	25.0					-12.2	-0.9592		2.23	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9405

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:12:59 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 237.3

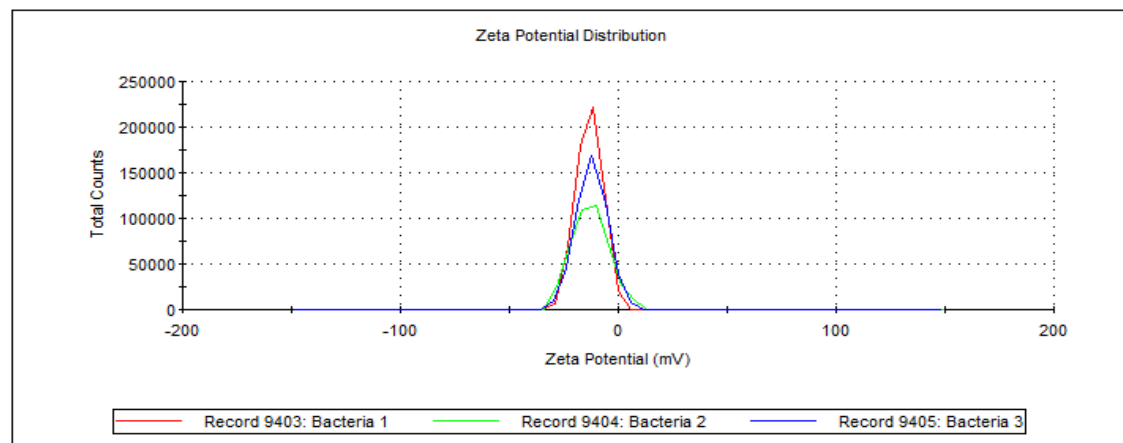
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -12.2	Peak 1: -12.2	100.0	7.11
Zeta Deviation (mV): 7.11	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.23	Peak 3: 0.00	0.0	0.00

Result quality : Good



9406	Zeta	Bacteria 1	Thursday, August 10, 2017 11:13:41 AM	25.0				-15.6	-1.226		2.02	0.00			Nano series
9407	Zeta	Bacteria 2	Thursday, August 10, 2017 11:15:20 AM	25.0				-15.2	-1.191		2.07	0.00			Nano series
9408	Zeta	Bacteria 3	Thursday, August 10, 2017 11:15:39 AM	25.0				-18.9	-1.483		2.10	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9408

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:15:39 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 825.4

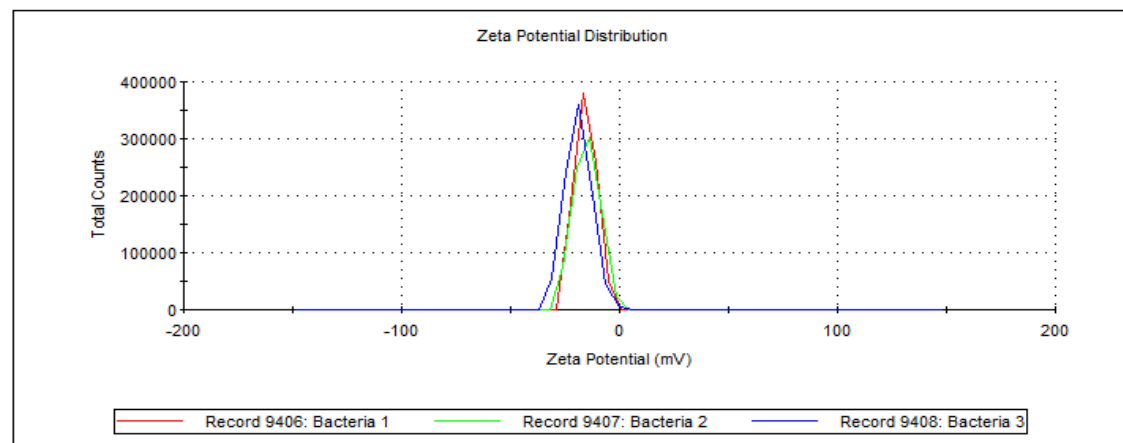
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -18.9	Peak 1: -18.9	100.0	6.12
Zeta Deviation (mV): 6.12	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.10	Peak 3: 0.00	0.0	0.00

Result quality : Good



9436	Zeta	Bacteria 1	Thursday, August 10, 2017 1:33:26 PM	25.0					-18.1	-1.420		2.48	0.00			Nano series
9437	Zeta	Bacteria 2	Thursday, August 10, 2017 1:35:08 PM	25.0					-18.3	-1.433		2.54	0.00			Nano series
9438	Zeta	Bacteria 3	Thursday, August 10, 2017 1:35:27 PM	25.0					-18.7	-1.464		2.56	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9438

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:35:27 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 7

Count Rate (kcps): 160.0

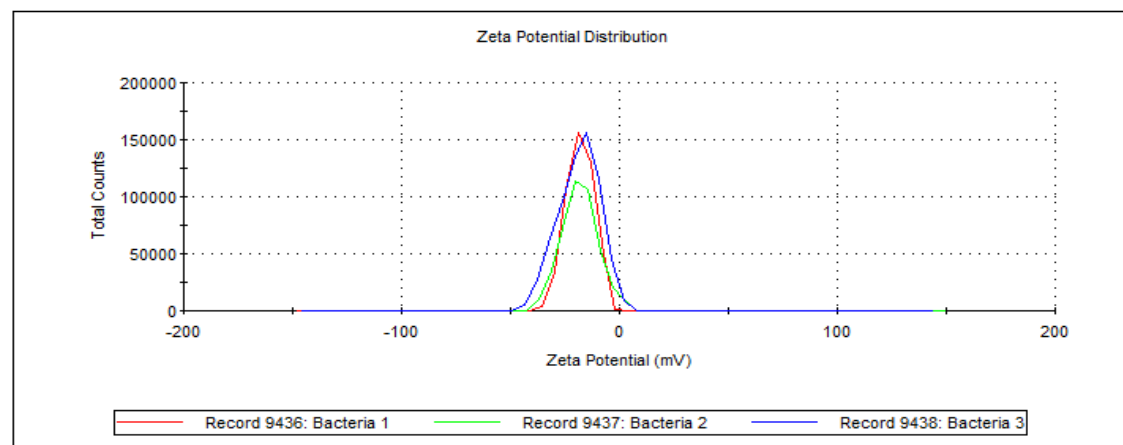
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -18.7	Peak 1: -18.7	100.0	9.35
Zeta Deviation (mV): 9.35	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.56	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



Record	Zeta	Sample Name	Time	Temp	Count Rate	Conductivity	Zeta Potential	Zeta Deviation	Conductivity	Zeta Potential	Zeta Deviation	Series
9439	Zeta	Bacteria 1	Thursday, August 10, 2017 1:36:12 PM	25.0			-18.2	-1.430	2.52	0.00		Nano series
9440	Zeta	Bacteria 2	Thursday, August 10, 2017 1:37:57 PM	25.0			-19.0	-1.492	2.57	0.00		Nano series
9441	Zeta	Bacteria 3	Thursday, August 10, 2017 1:38:16 PM	25.0			-18.8	-1.473	2.58	0.00		Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9441

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:38:16 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 139.7

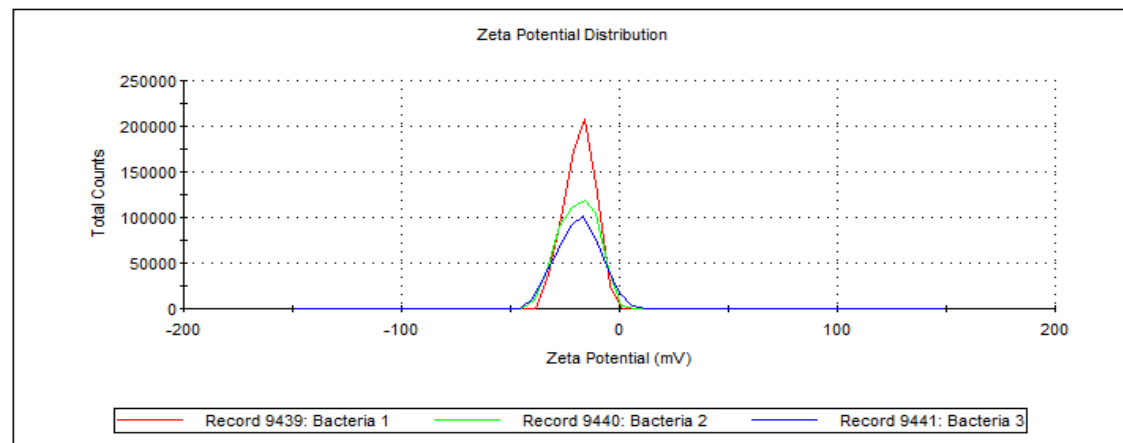
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -18.8	Peak 1: -18.8	100.0	9.66
Zeta Deviation (mV): 9.66	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.58	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9442	Zeta	Bacteria 1	Thursday, August 10, 2017 1:38:54 PM	25.0				-20.3	-1.588		2.52	0.00			Nano series
9443	Zeta	Bacteria 2	Thursday, August 10, 2017 1:40:33 PM	25.0				-19.2	-1.504		2.56	0.00			Nano series
9444	Zeta	Bacteria 3	Thursday, August 10, 2017 1:40:52 PM	25.0				-18.2	-1.430		2.58	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9444

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:40:52 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 704.4

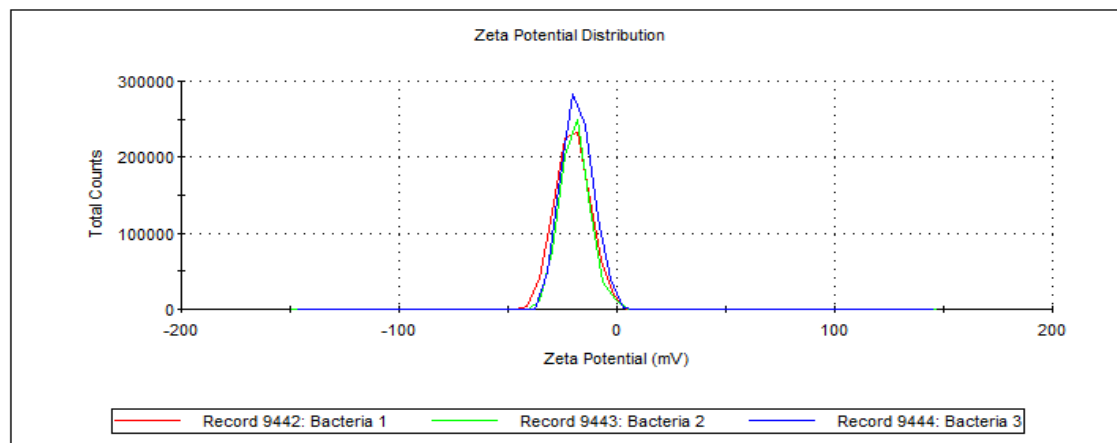
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -18.2	Peak 1: -18.2	100.0	7.00
Zeta Deviation (mV): 7.00	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.58	Peak 3: 0.00	0.0	0.00

Result quality : Good



9409	Zeta	Bacteria 1	Thursday, August 10, 2017 11:16:32 AM	25.0				-23.6	-1.853		3.16	0.00			Nano series
9410	Zeta	Bacteria 2	Thursday, August 10, 2017 11:18:23 AM	25.0				-23.2	-1.820		3.23	0.00			Nano series
9411	Zeta	Bacteria 3	Thursday, August 10, 2017 11:18:42 AM	25.0				-21.4	-1.678		3.17	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9411

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:18:42 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 404.7

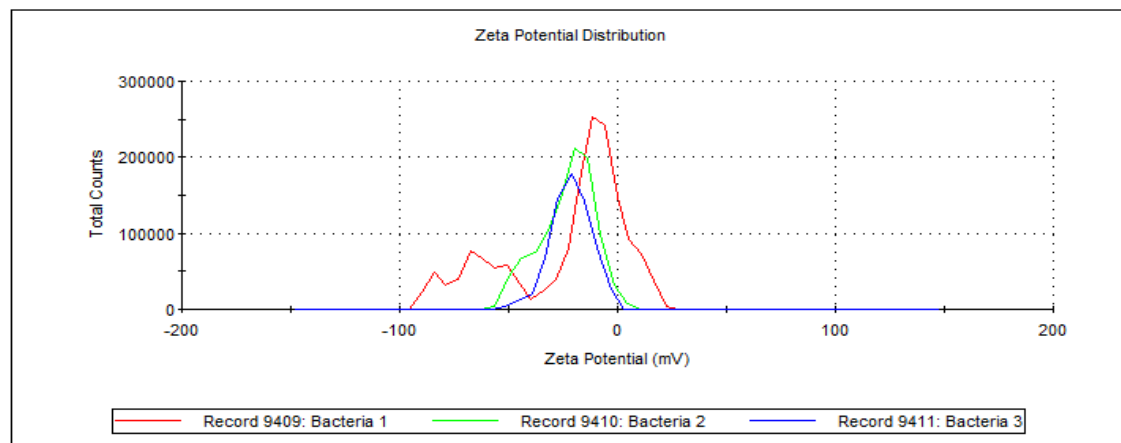
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -21.4	Peak 1: -21.4	100.0	9.26
Zeta Deviation (mV): 9.26	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 3.17	Peak 3: 0.00	0.0	0.00

Result quality : Good



9412	Zeta	Bacteria 1	Thursday, August 10, 2017 11:19:18 AM	25.0				-23.6	-1.853		2.97	0.00			Nano series
9413	Zeta	Bacteria 2	Thursday, August 10, 2017 11:21:00 AM	25.0				-22.5	-1.760		3.16	0.00			Nano series
9414	Zeta	Bacteria 3	Thursday, August 10, 2017 11:21:19 AM	25.0				-24.5	-1.923		3.25	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9414

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:21:19 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 154.6

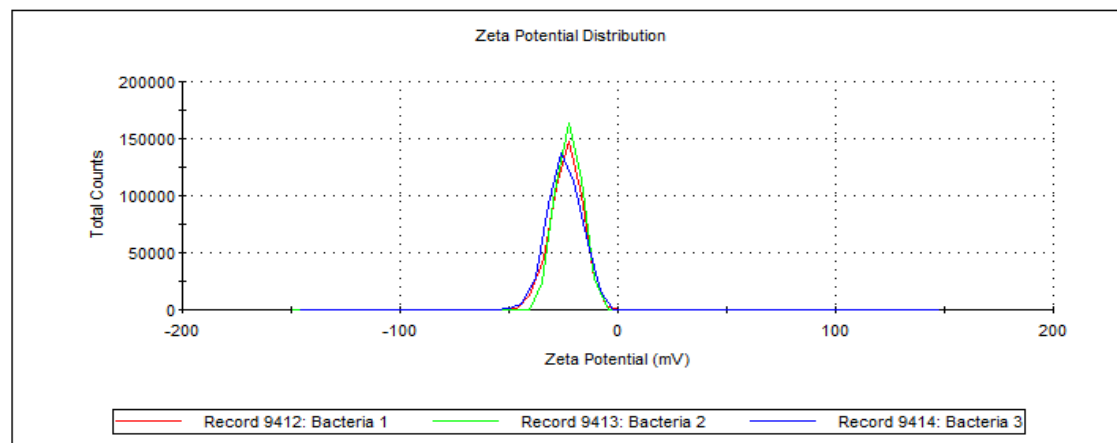
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -24.5	Peak 1: -24.5	100.0	7.65
Zeta Deviation (mV): 7.65	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 3.25	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9415	Zeta	Bacteria 1	Thursday, August 10, 2017 11:21:57 AM	25.0				-22.4	-1.759		3.25	0.00			Nano series
9416	Zeta	Bacteria 2	Thursday, August 10, 2017 11:23:36 AM	25.0				-20.7	-1.623		3.38	0.00			Nano series
9417	Zeta	Bacteria 3	Thursday, August 10, 2017 11:23:55 AM	25.0				-21.3	-1.666		3.39	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9417

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 11:23:55 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 554.2

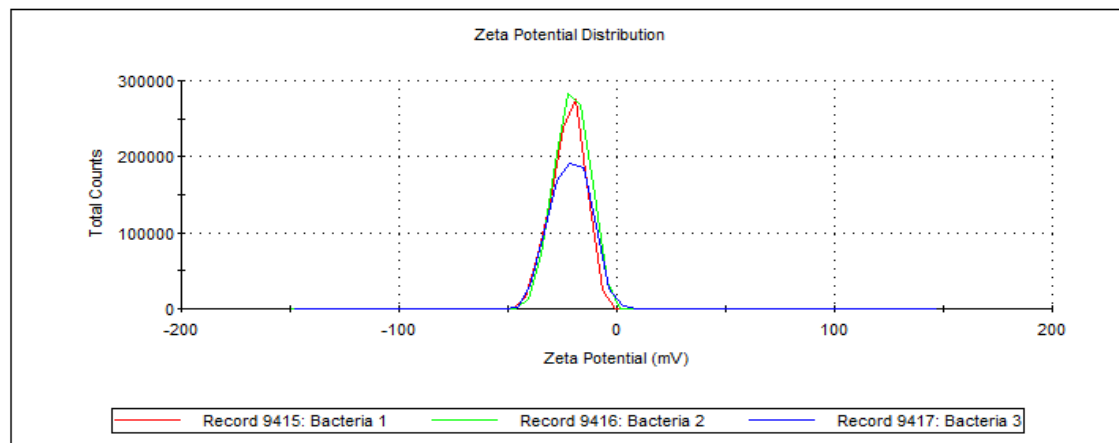
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -21.3	Peak 1: -21.3	100.0	8.95
Zeta Deviation (mV): 8.95	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 3.39	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9418	Zeta	Bacteria 1	Thursday, August 10, 2017 1:16:48 PM	24.9				-6.64	-0.5204		1.92	0.00			Nano series
9419	Zeta	Bacteria 2	Thursday, August 10, 2017 1:18:27 PM	24.9				-6.54	-0.5130		1.95	0.00			Nano series
9420	Zeta	Bacteria 3	Thursday, August 10, 2017 1:18:46 PM	24.9				-5.95	-0.4665		1.97	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9420

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:18:46 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 24.9

Zeta Runs: 5

Count Rate (kcps): 194.1

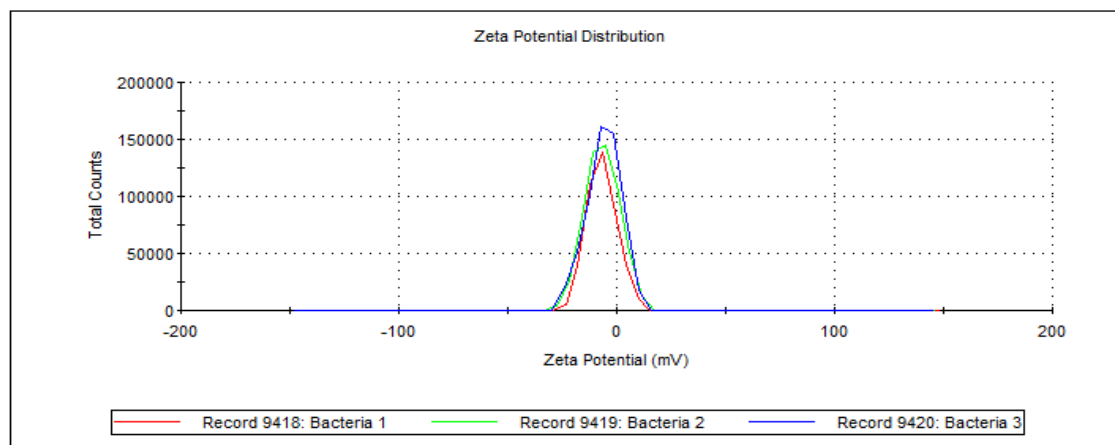
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -5.95	Peak 1: -5.95	100.0	7.75
Zeta Deviation (mV): 7.75	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.97	Peak 3: 0.00	0.0	0.00

Result quality : Good



9421	Zeta	Bacteria 1	Thursday, August 10, 2017 1:19:25 PM	25.0				-6.40	-0.5017		1.95	0.00			Nano series
9422	Zeta	Bacteria 2	Thursday, August 10, 2017 1:21:04 PM	25.0				-6.46	-0.5065		1.97	0.00			Nano series
9423	Zeta	Bacteria 3	Thursday, August 10, 2017 1:21:23 PM	25.0				-6.94	-0.5443		1.98	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9423

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:21:23 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 187.8

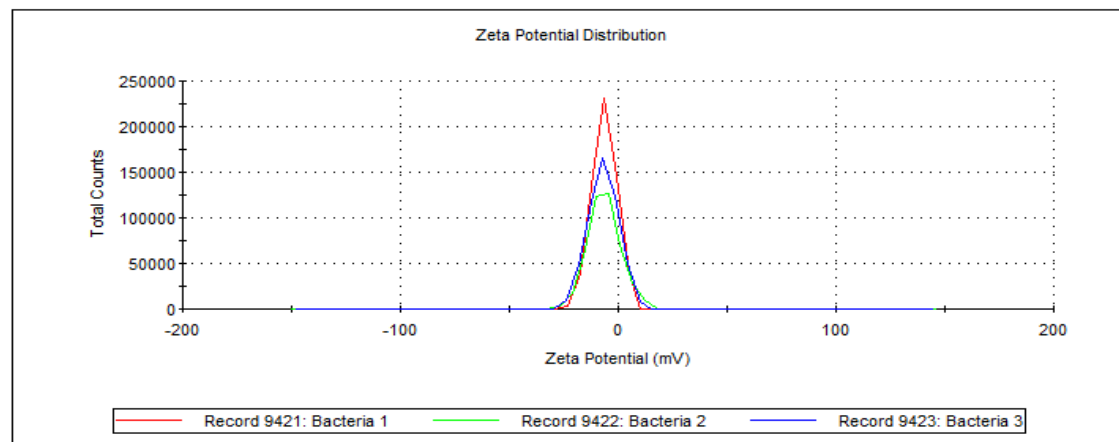
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.94	Peak 1: -6.94	100.0	6.93
Zeta Deviation (mV): 6.93	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.98	Peak 3: 0.00	0.0	0.00

Result quality : Good



9424	Zeta	Bacteria 1	Thursday, August 10, 2017 1:22:02 PM	25.0				-6.43	-0.5043		1.95	0.00			Nano series
9425	Zeta	Bacteria 2	Thursday, August 10, 2017 1:23:41 PM	25.0				-6.14	-0.4813		1.98	0.00			Nano series
9426	Zeta	Bacteria 3	Thursday, August 10, 2017 1:24:00 PM	25.0				-6.78	-0.5315		1.99	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9426

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:24:00 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 377.8

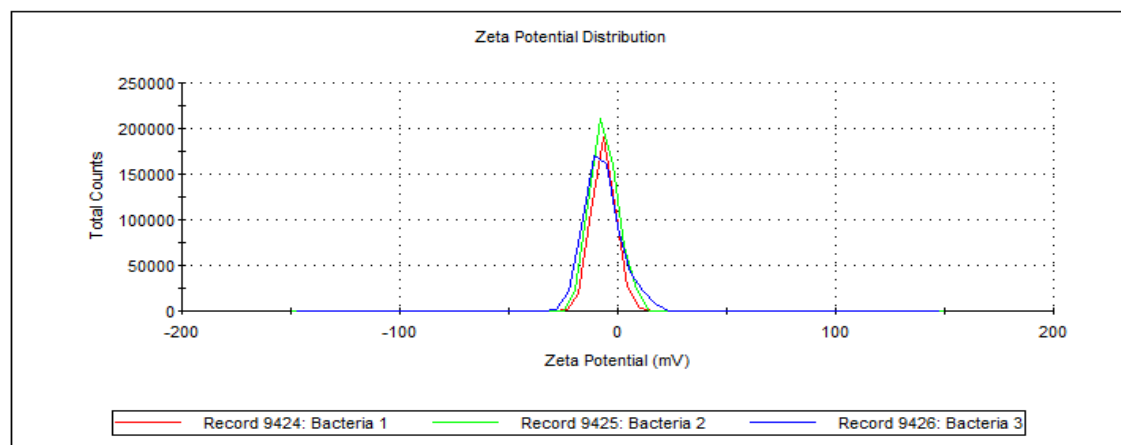
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.78	Peak 1: -6.78	100.0	8.22
Zeta Deviation (mV): 8.22	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.99	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9427	Zeta	Bacteria 1	Thursday, August 10, 2017 1:25:02 PM	25.0				-6.58	-0.5161		1.88	0.00			Nano series
9428	Zeta	Bacteria 2	Thursday, August 10, 2017 1:26:41 PM	25.0				-6.56	-0.5142		1.92	0.00			Nano series
9429	Zeta	Bacteria 3	Thursday, August 10, 2017 1:27:15 PM	25.0				-6.50	-0.5097		1.95	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9429

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:27:15 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 91.9

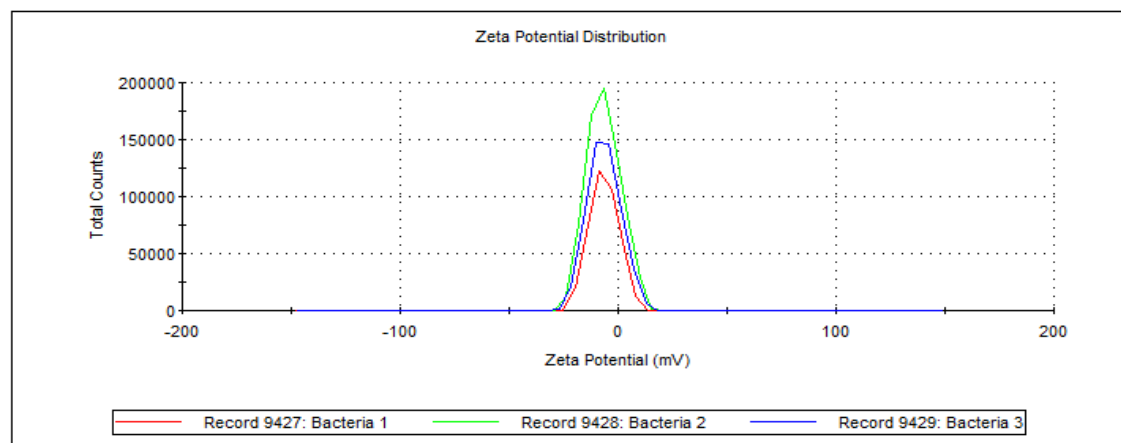
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.50	Peak 1: -6.50	100.0	7.44
Zeta Deviation (mV): 7.44	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 1.95	Peak 3: 0.00	0.0	0.00

Result quality : Good



9430	Zeta	Bacteria 1	Thursday, August 10, 2017 1:28:00 PM	25.0				-6.31	-0.4949		1.96	0.00			Nano series
9431	Zeta	Bacteria 2	Thursday, August 10, 2017 1:29:39 PM	25.0				-6.34	-0.4968		1.99	0.00			Nano series
9432	Zeta	Bacteria 3	Thursday, August 10, 2017 1:29:58 PM	25.0				-7.09	-0.5557		2.00	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9432

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:29:58 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 9

Count Rate (kcps): 190.1

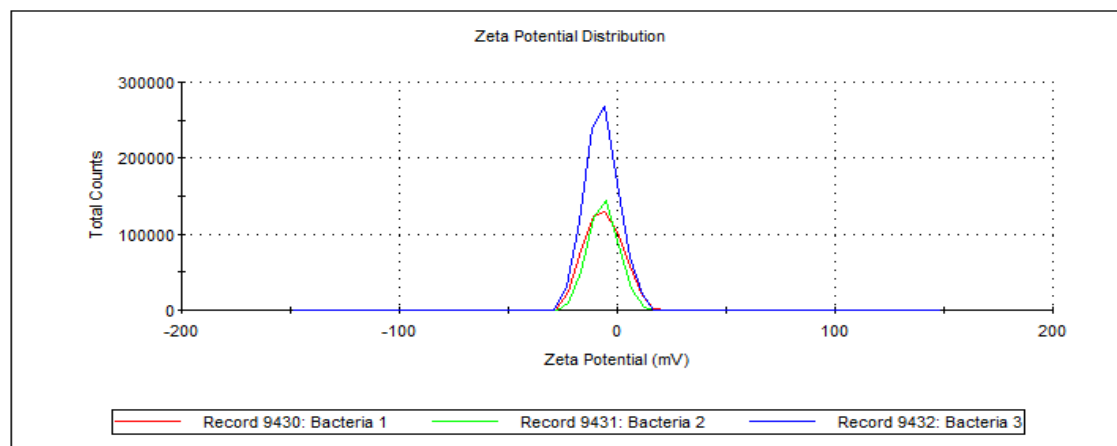
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.09	Peak 1: -7.09	100.0	7.50
Zeta Deviation (mV): 7.50	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.00	Peak 3: 0.00	0.0	0.00

Result quality : Good



9433	Zeta	Bacteria 1	Thursday, August 10, 2017 1:30:47 PM	25.0				-6.35	-0.4977		1.96	0.00			Nano series
9434	Zeta	Bacteria 2	Thursday, August 10, 2017 1:32:26 PM	24.9				-6.75	-0.5293		1.99	0.00			Nano series
9435	Zeta	Bacteria 3	Thursday, August 10, 2017 1:32:45 PM	25.0				-7.80	-0.6114		2.00	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9435

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:32:45 PM

Viscosity (cP): 0.8872

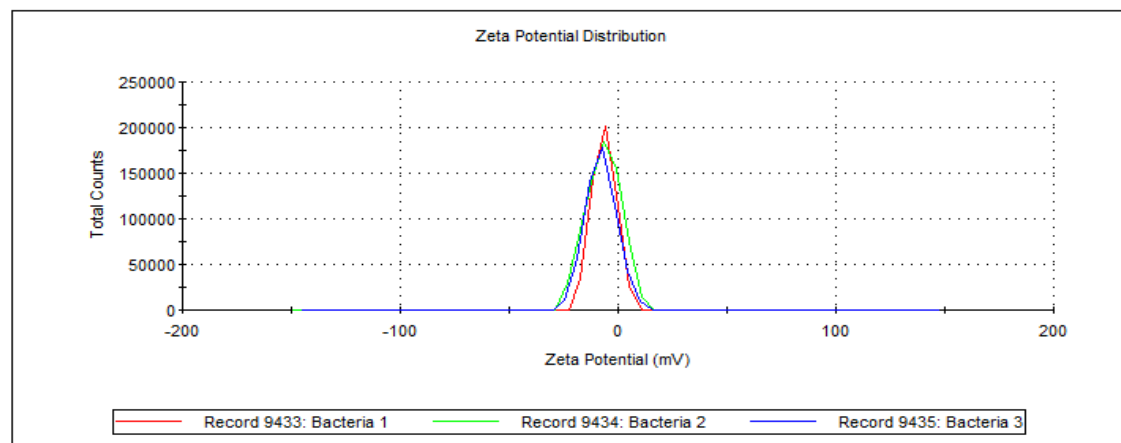
Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0
Count Rate (kcps): 160.2
Cell Description: Zeta dip cell

Zeta Runs: 6
Measurement Position (mm): 4.50
Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.80	Peak 1: -7.80	100.0	7.02
Zeta Deviation (mV): 7.02	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.00	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9445	Zeta	Bacteria 1	Thursday, August 10, 2017 1:41:55 PM	25.0				-6.13	-0.4805		1.97	0.00		Nano series
9446	Zeta	Bacteria 2	Thursday, August 10, 2017 1:43:36 PM	25.0				-6.74	-0.5281		2.00	0.00		Nano series
9447	Zeta	Bacteria 3	Thursday, August 10, 2017 1:43:59 PM	25.0				-6.41	-0.5025		2.02	0.00		Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9447

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:43:59 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 189.8

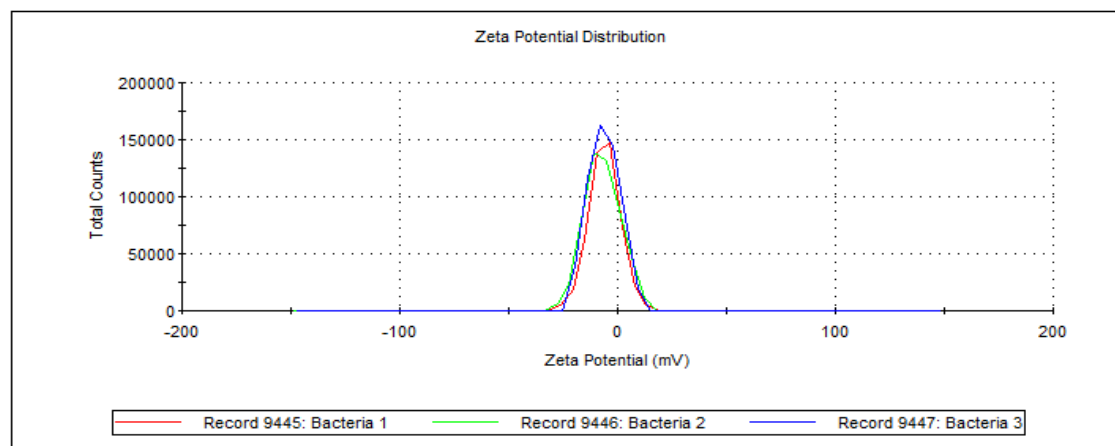
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.41	Peak 1: -6.41	100.0	7.16
Zeta Deviation (mV): 7.16	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.02	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9448	Zeta	Bacteria 1	Thursday, August 10, 2017 1:44:45 PM	25.0				-7.02	-0.5501		1.99	0.00			Nano series
9449	Zeta	Bacteria 2	Thursday, August 10, 2017 1:46:23 PM	25.0				-6.89	-0.5401		2.02	0.00			Nano series
9450	Zeta	Bacteria 3	Thursday, August 10, 2017 1:46:42 PM	25.0				-7.87	-0.6167		2.03	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9450

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:46:42 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 84.5

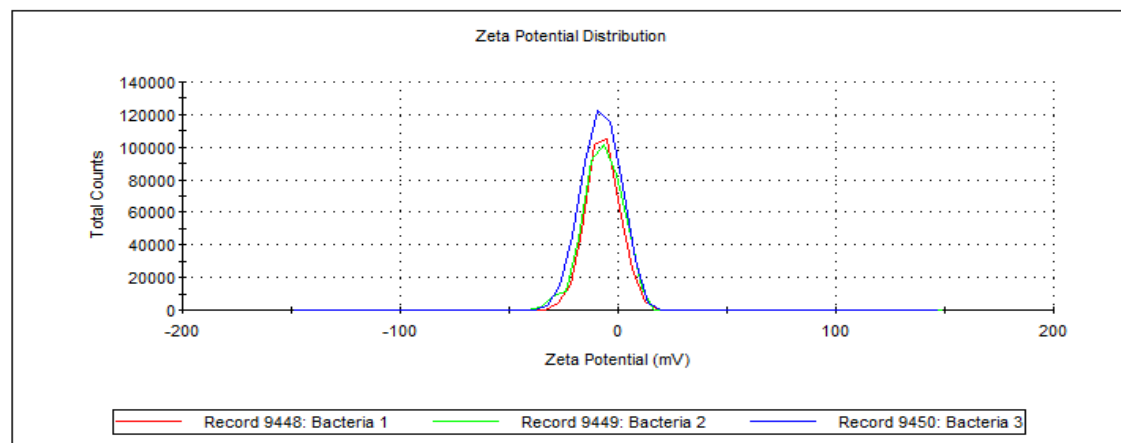
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.87	Peak 1: -7.87	100.0	8.86
Zeta Deviation (mV): 8.86	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.03	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9451	Zeta	Bacteria 1	Thursday, August 10, 2017 1:47:20 PM	25.0				-7.18	-0.5626		1.99	0.00			Nano series
9452	Zeta	Bacteria 2	Thursday, August 10, 2017 1:49:14 PM	25.0				-7.85	-0.6150		2.04	0.00			Nano series
9453	Zeta	Bacteria 3	Thursday, August 10, 2017 1:49:33 PM	25.0				-7.01	-0.5495		2.04	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9453

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:49:33 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 641.5

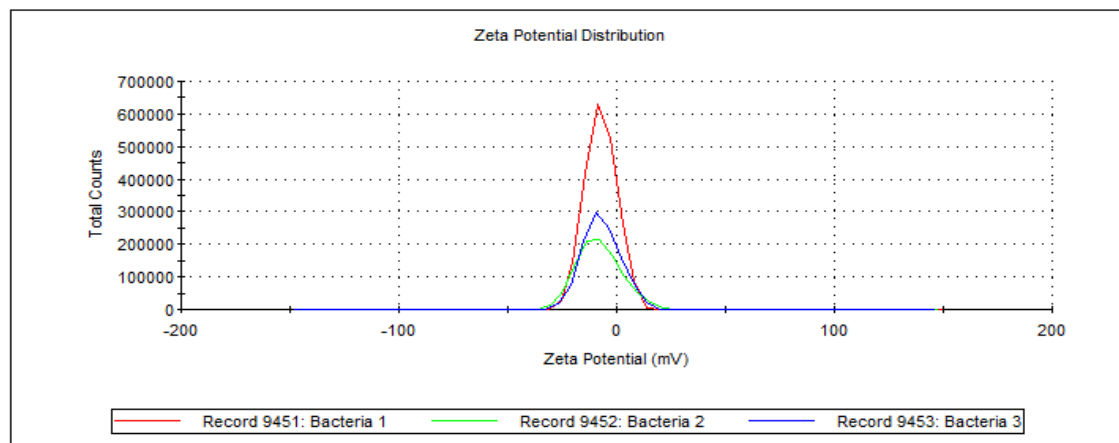
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.01	Peak 1: -7.01	100.0	8.44
Zeta Deviation (mV): 8.44	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.04	Peak 3: 0.00	0.0	0.00

Result quality : Good



9454	Zeta	Bacteria 1	Thursday, August 10, 2017 1:50:15 PM	25.0				-7.40	-0.5801		2.02	0.00			Nano series
9455	Zeta	Bacteria 2	Thursday, August 10, 2017 1:52:00 PM	25.0				-7.66	-0.6001		2.06	0.00			Nano series
9456	Zeta	Bacteria 3	Thursday, August 10, 2017 1:52:19 PM	25.0				-8.38	-0.6569		2.08	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9456

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:52:19 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 8

Count Rate (kcps): 158.8

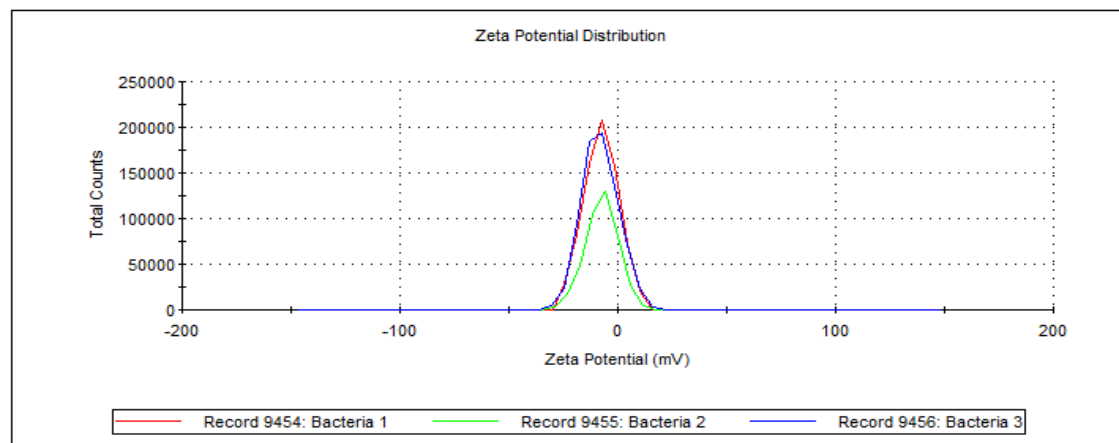
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.38	Peak 1: -8.38	100.0	8.27
Zeta Deviation (mV): 8.27	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.08	Peak 3: 0.00	0.0	0.00

Result quality : Good



9457	Zeta	Bacteria 1	Thursday, August 10, 2017 1:53:04 PM	25.0				-8.31	-0.6513		2.02	0.00			Nano series
9458	Zeta	Bacteria 2	Thursday, August 10, 2017 1:54:43 PM	25.0				-7.86	-0.6161		2.06	0.00			Nano series
9459	Zeta	Bacteria 3	Thursday, August 10, 2017 1:55:14 PM	25.0				-8.45	-0.6625		2.09	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSe_Hoelle.dts

Dispersant Name: Water

Record Number: 9459

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:55:14 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 133.6

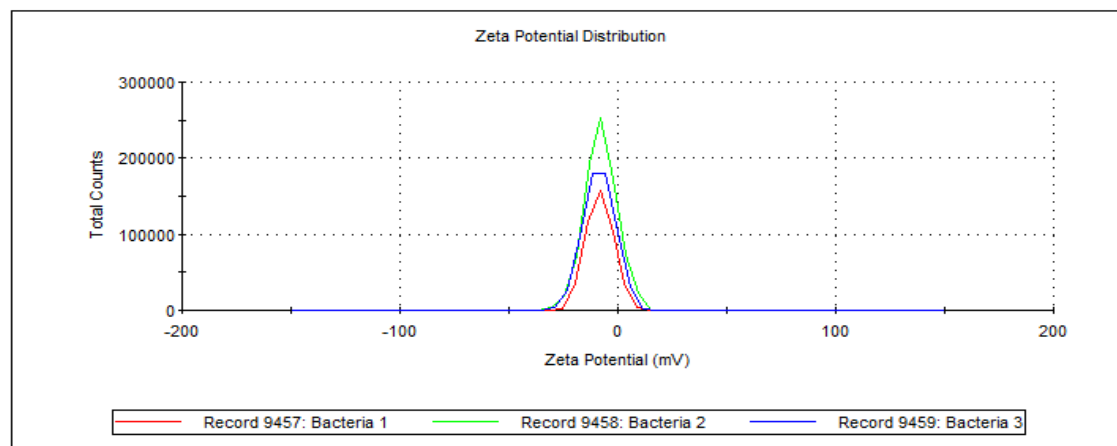
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.45	Peak 1: -8.45	100.0	7.19
Zeta Deviation (mV): 7.19	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.09	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9460	Zeta	Bacteria 1	Thursday, August 10, 2017 1:55:56 PM	25.0				-7.75	-0.6077		2.03	0.00			Nano series
9461	Zeta	Bacteria 2	Thursday, August 10, 2017 1:57:35 PM	25.0				-6.75	-0.5288		2.07	0.00			Nano series
9462	Zeta	Bacteria 3	Thursday, August 10, 2017 1:57:57 PM	25.0				-8.15	-0.6388		2.09	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9462

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 1:57:57 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 163.6

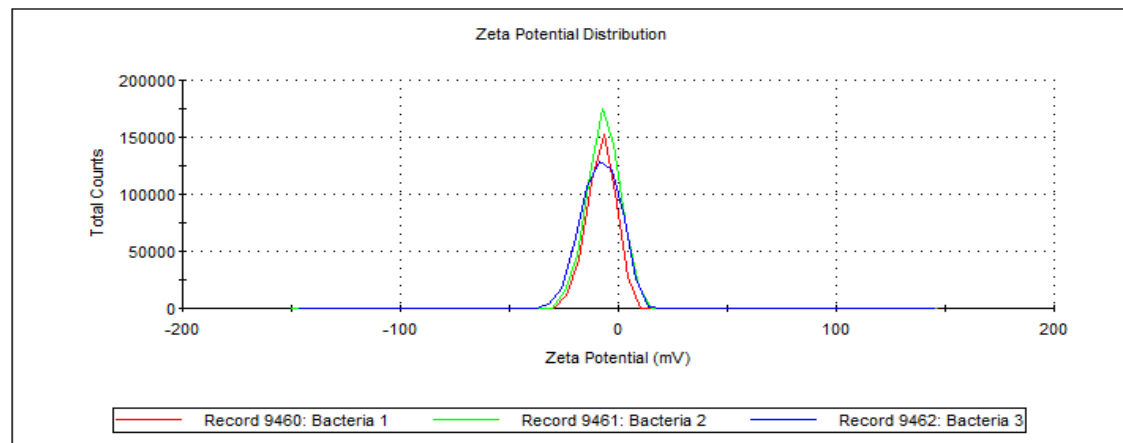
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.15	Peak 1: -8.15	100.0	8.66
Zeta Deviation (mV): 8.66	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.09	Peak 3: 0.00	0.0	0.00

Result quality : Good



9463	Zeta	Bacteria 1	Thursday, August 10, 2017 1:58:33 PM	25.0				-7.60	-0.5956		2.06	0.00			Nano series
9464	Zeta	Bacteria 2	Thursday, August 10, 2017 2:00:15 PM	25.0				-6.91	-0.5416		2.10	0.00			Nano series
9465	Zeta	Bacteria 3	Thursday, August 10, 2017 2:00:37 PM	25.0				-6.59	-0.5163		2.12	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9465

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:00:37 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 574.2

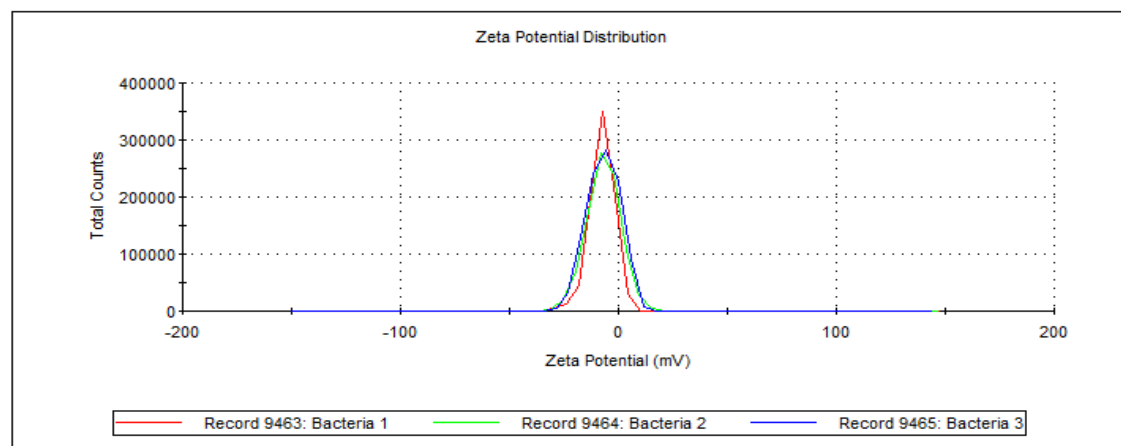
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.59	Peak 1: -6.59	100.0	7.55
Zeta Deviation (mV): 7.55	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.12	Peak 3: 0.00	0.0	0.00

Result quality : Good



9466	Zeta	Bacteria 1	Thursday, August 10, 2017 2:01:14 PM	25.0				-7.66	-0.6003		2.06	0.00			Nano series
9467	Zeta	Bacteria 2	Thursday, August 10, 2017 2:02:59 PM	25.0				-8.66	-0.6790		2.11	0.00			Nano series
9468	Zeta	Bacteria 3	Thursday, August 10, 2017 2:03:18 PM	25.0				-8.01	-0.6278		2.12	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9468

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:03:18 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 7

Count Rate (kcps): 223.1

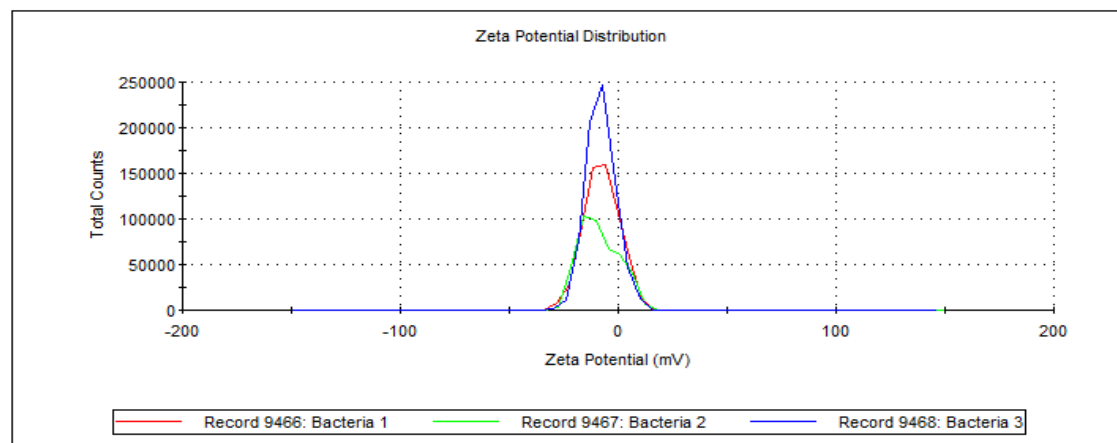
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.01	Peak 1: -8.01	100.0	6.85
Zeta Deviation (mV): 6.85	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.12	Peak 3: 0.00	0.0	0.00

Result quality : Good



9469	Zeta	Bacteria 1	Thursday, August 10, 2017 2:04:03 PM	25.0				-8.07	-0.6323		2.07	0.00			Nano series
9470	Zeta	Bacteria 2	Thursday, August 10, 2017 2:05:45 PM	25.0				-8.68	-0.6806		2.11	0.00			Nano series
9471	Zeta	Bacteria 3	Thursday, August 10, 2017 2:06:10 PM	25.0				-8.38	-0.6567		2.13	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9471

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:06:10 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 7

Count Rate (kcps): 145.9

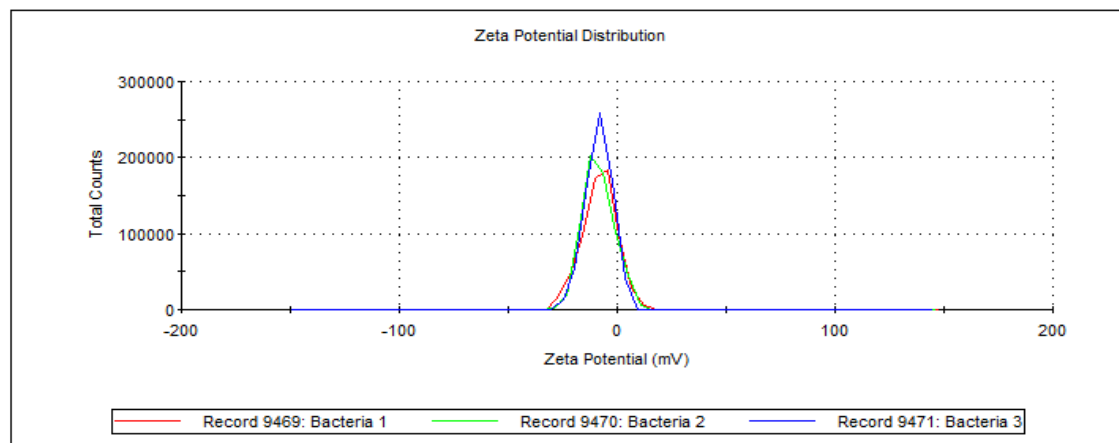
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.38	Peak 1: -8.38	100.0	6.14
Zeta Deviation (mV): 6.14	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.13	Peak 3: 0.00	0.0	0.00

Result quality : Good



9472	Zeta	Bacteria 1	Thursday, August 10, 2017 2:09:18 PM	25.0				-10.7	-0.8377		2.08	0.00			Nano series
9473	Zeta	Bacteria 2	Thursday, August 10, 2017 2:10:57 PM	25.0				-8.24	-0.6458		2.12	0.00			Nano series
9474	Zeta	Bacteria 3	Thursday, August 10, 2017 2:11:25 PM	25.0				-9.19	-0.7206		2.15	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9474

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:11:25 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 121.6

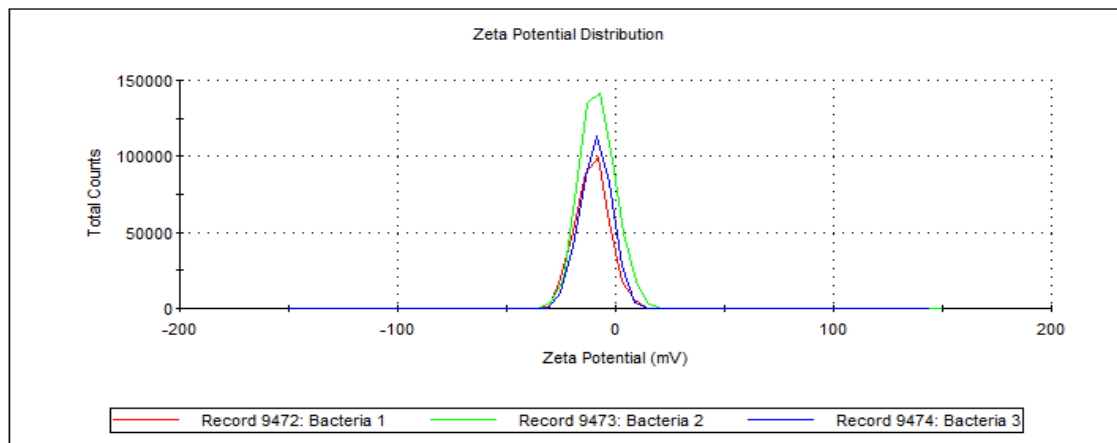
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -9.19	Peak 1: -9.19	100.0	7.02
Zeta Deviation (mV): 7.02	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.15	Peak 3: 0.00	0.0	0.00

Result quality : Good



9475	Zeta	Bacteria 1	Thursday, August 10, 2017 2:12:17 PM	25.0				-8.81	-0.6908		2.09	0.00			Nano series
9476	Zeta	Bacteria 2	Thursday, August 10, 2017 2:13:56 PM	25.0				-8.42	-0.6601		2.12	0.00			Nano series
9477	Zeta	Bacteria 3	Thursday, August 10, 2017 2:14:15 PM	25.0				-8.57	-0.6719		2.14	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9477

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:14:15 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 103.1

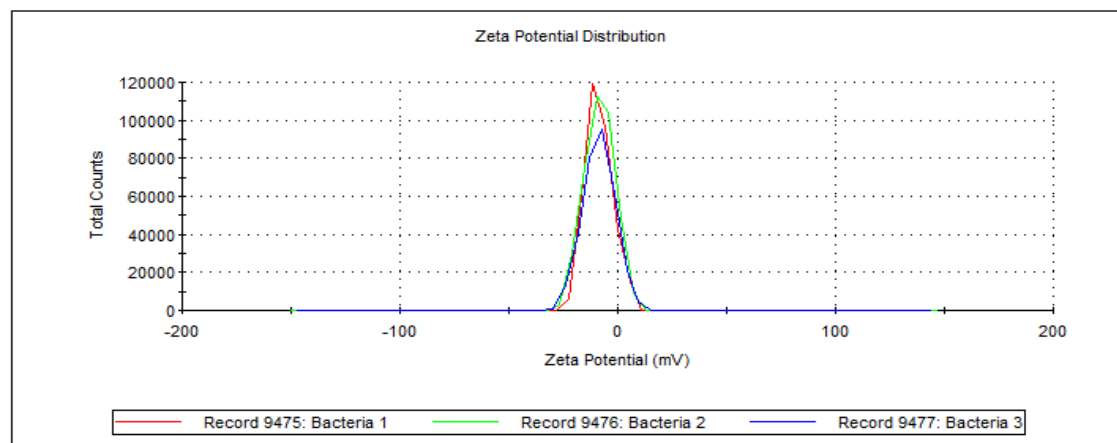
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.57	Peak 1: -8.57	100.0	7.30
Zeta Deviation (mV): 7.30	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.14	Peak 3: 0.00	0.0	0.00

Result quality : Good



9478	Zeta	Bacteria 1	Thursday, August 10, 2017 2:14:53 PM	25.0				-8.60	-0.6743		2.09	0.00			Nano series
9479	Zeta	Bacteria 2	Thursday, August 10, 2017 2:16:53 PM	25.0				-8.21	-0.6434		2.14	0.00			Nano series
9480	Zeta	Bacteria 3	Thursday, August 10, 2017 2:17:21 PM	25.0				-7.54	-0.5909		2.16	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9480

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:17:21 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 9

Count Rate (kcps): 226.3

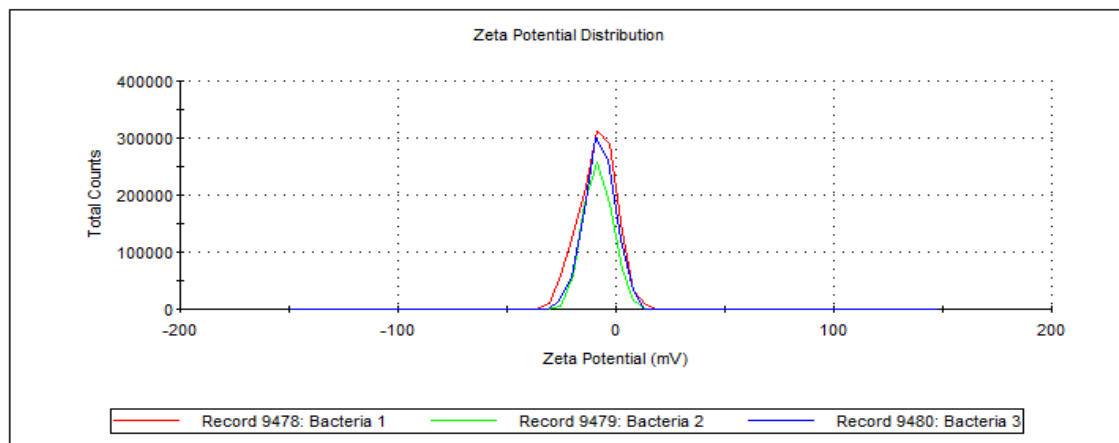
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.54	Peak 1: -7.54	100.0	7.04
Zeta Deviation (mV): 7.04	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.16	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9481	Zeta	Bacteria 1	Thursday, August 10, 2017 2:18:22 PM	25.0				-9.02	-0.7073		2.14	0.00			Nano series
9482	Zeta	Bacteria 2	Thursday, August 10, 2017 2:20:01 PM	25.0				-7.52	-0.5898		2.16	0.00			Nano series
9483	Zeta	Bacteria 3	Thursday, August 10, 2017 2:20:23 PM	25.0				-7.32	-0.5735		2.18	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9483

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:20:23 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 143.9

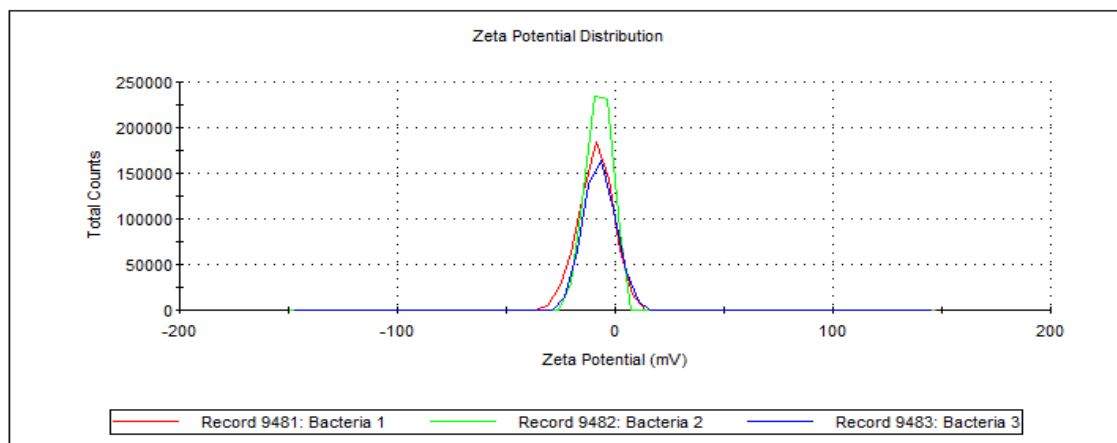
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.32	Peak 1: -7.32	100.0	7.18
Zeta Deviation (mV): 7.18	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.18	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9484	Zeta	Bacteria 1	Thursday, August 10, 2017 2:22:29 PM	25.0				-8.22	-0.6444		2.12	0.00			Nano series
9485	Zeta	Bacteria 2	Thursday, August 10, 2017 2:24:11 PM	25.0				-7.88	-0.6178		2.15	0.00			Nano series
9486	Zeta	Bacteria 3	Thursday, August 10, 2017 2:24:30 PM	25.0				-8.87	-0.6954		2.17	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9486

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:24:30 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 7

Count Rate (kcps): 136.2

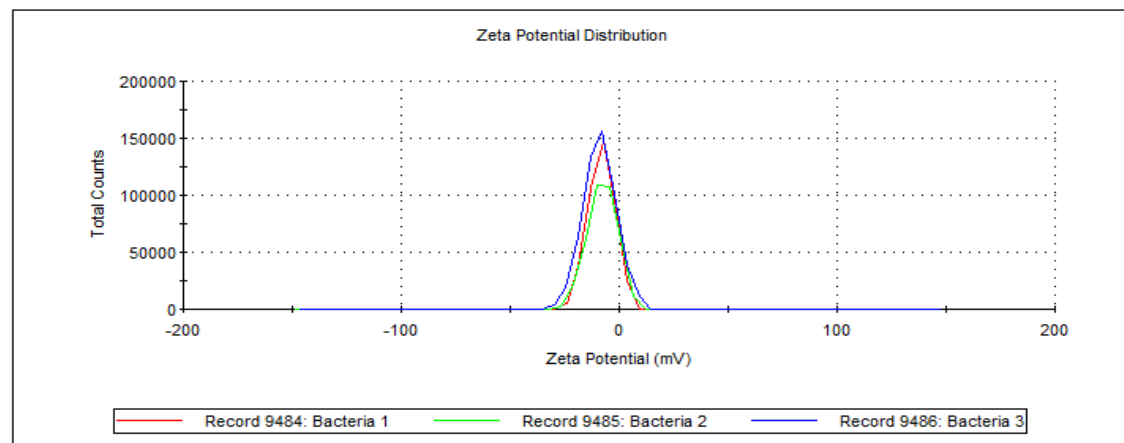
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.87	Peak 1: -8.87	100.0	7.47
Zeta Deviation (mV): 7.47	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.17	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



5.01 C

9487	Zeta	Bacteria 1	Thursday, August 10, 2017 2:25:18 PM	25.0				-8.23	-0.6453		2.14	0.00			Nano series
9488	Zeta	Bacteria 2	Thursday, August 10, 2017 2:26:57 PM	25.0				-8.74	-0.6853		2.16	0.00			Nano series
9489	Zeta	Bacteria 3	Thursday, August 10, 2017 2:27:22 PM	25.0				-7.89	-0.6183		2.18	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9489

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:27:22 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 147.5

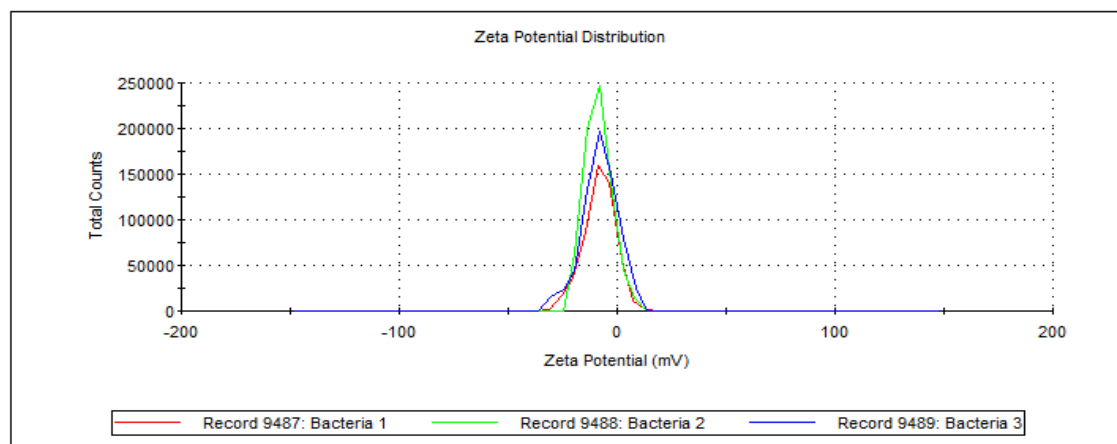
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.89	Peak 1: -7.89	100.0	8.23
Zeta Deviation (mV): 8.23	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.18	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9490	Zeta	Bacteria 1	Thursday, August 10, 2017 2:28:08 PM	25.0				-8.50	-0.6666		2.19	0.00			Nano series
9491	Zeta	Bacteria 2	Thursday, August 10, 2017 2:29:53 PM	25.0				-9.45	-0.7409		2.21	0.00			Nano series
9492	Zeta	Bacteria 3	Thursday, August 10, 2017 2:30:12 PM	25.0				-8.79	-0.6893		2.22	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9492

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:30:12 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 146.5

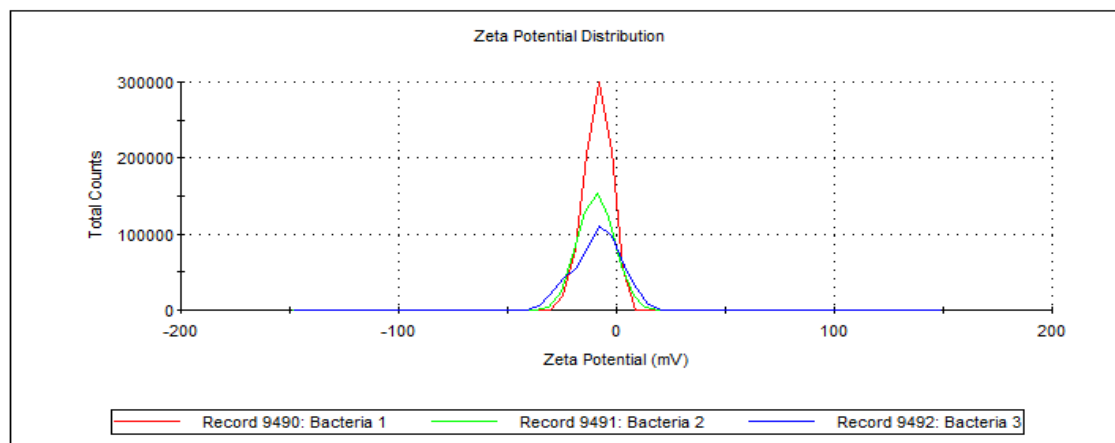
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.79	Peak 1: -8.79	100.0	10.7
Zeta Deviation (mV): 10.7	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.22	Peak 3: 0.00	0.0	0.00

Result quality : Good



9493	Zeta	Bacteria 1	Thursday, August 10, 2017 2:30:51 PM	25.0				-8.55	-0.6704		2.12	0.00			Nano series
9494	Zeta	Bacteria 2	Thursday, August 10, 2017 2:32:39 PM	25.0				-10.5	-0.8213		2.10	0.00			Nano series
9495	Zeta	Bacteria 3	Thursday, August 10, 2017 2:33:14 PM	25.0				-10.4	-0.8142		2.10	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9495

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:33:14 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 200.9

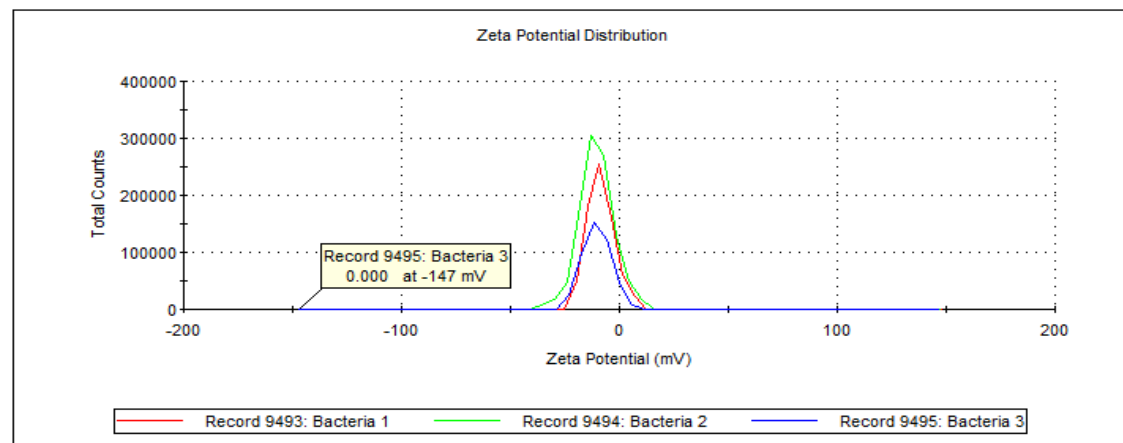
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -10.4	Peak 1: -10.4	100.0	6.58
Zeta Deviation (mV): 6.58	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.10	Peak 3: 0.00	0.0	0.00

Result quality : Good



9496	Zeta	Bacteria 1	Thursday, August 10, 2017 2:33:54 PM	25.0				-9.04	-0.7087		2.20	0.00			Nano series
9497	Zeta	Bacteria 2	Thursday, August 10, 2017 2:35:51 PM	25.0				-7.95	-0.6233		2.22	0.00			Nano series
9498	Zeta	Bacteria 3	Thursday, August 10, 2017 2:36:17 PM	25.0				-7.98	-0.6256		2.23	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9498

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:36:17 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 8

Count Rate (kcps): 237.2

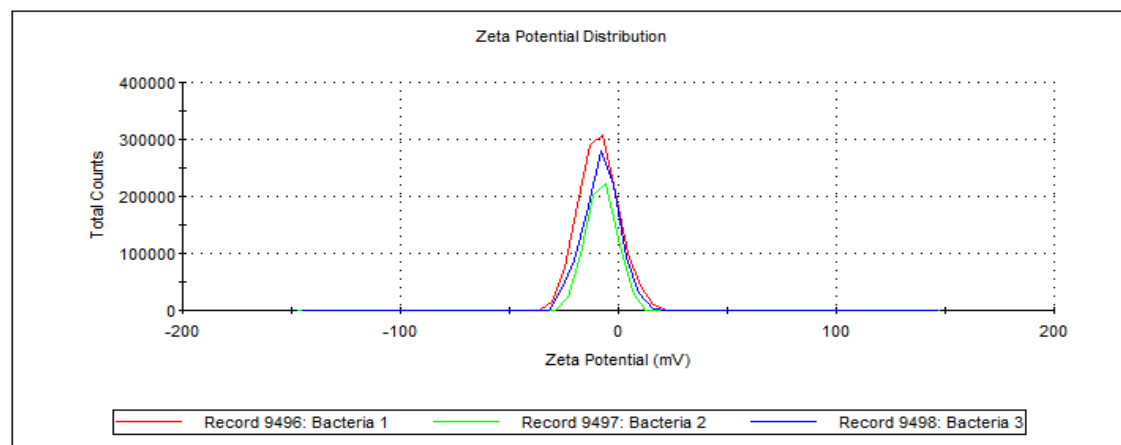
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.98	Peak 1: -7.98	100.0	8.28
Zeta Deviation (mV): 8.28	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.23	Peak 3: 0.00	0.0	0.00

Result quality : Good



9499	Zeta	Bacteria 1	Thursday, August 10, 2017 2:37:05 PM	25.0				-7.43	-0.5827		2.23	0.00			Nano series
9500	Zeta	Bacteria 2	Thursday, August 10, 2017 2:38:47 PM	25.0				-8.27	-0.6482		2.24	0.00			Nano series
9501	Zeta	Bacteria 3	Thursday, August 10, 2017 2:39:10 PM	25.0				-7.47	-0.5858		2.26	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9501

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:39:10 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 181.7

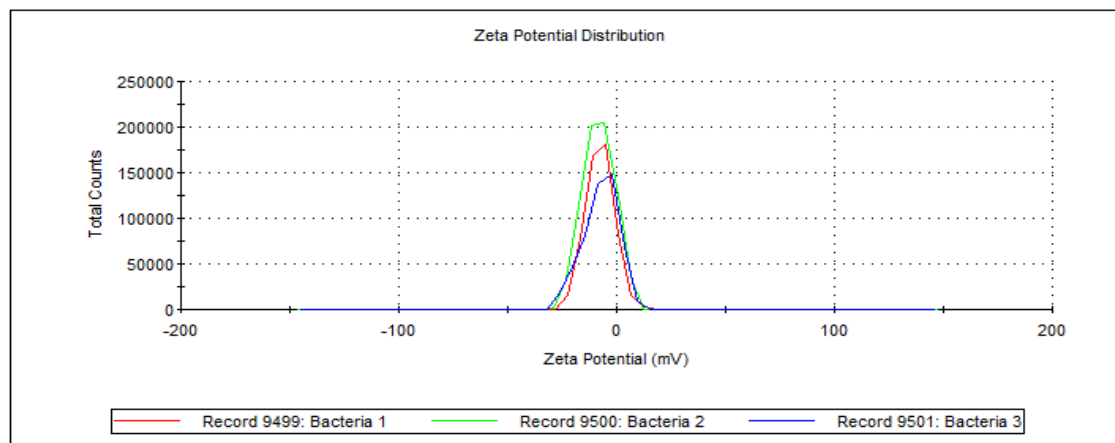
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.47	Peak 1: -7.47	100.0	8.04
Zeta Deviation (mV): 8.04	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.26	Peak 3: 0.00	0.0	0.00

Result quality : Good



9502	Zeta	Bacteria 1	Thursday, August 10, 2017 2:39:47 PM	25.0				-8.46	-0.6633		2.24	0.00			Nano series
9503	Zeta	Bacteria 2	Thursday, August 10, 2017 2:41:26 PM	25.0				-8.10	-0.6348		2.24	0.00			Nano series
9504	Zeta	Bacteria 3	Thursday, August 10, 2017 2:41:45 PM	25.0				-7.95	-0.6235		2.25	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9504

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:41:45 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 108.8

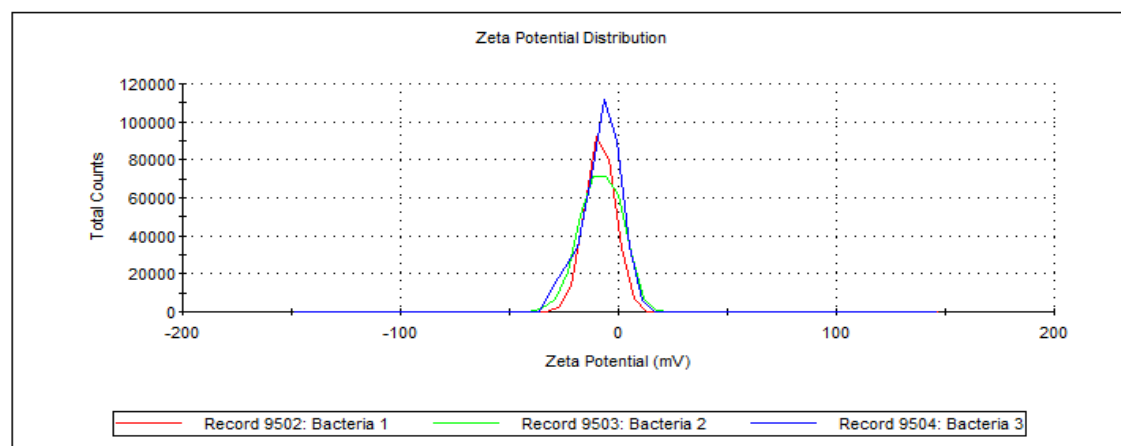
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.95	Peak 1: -7.95	100.0	8.95
Zeta Deviation (mV): 8.95	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.25	Peak 3: 0.00	0.0	0.00

Result quality : Good



9505	Zeta	Bacteria 1	Thursday, August 10, 2017 2:42:23 PM	25.0				-7.80	-0.6118		2.24	0.00			Nano series
9506	Zeta	Bacteria 2	Thursday, August 10, 2017 2:44:05 PM	25.0				-7.59	-0.5947		2.24	0.00			Nano series
9507	Zeta	Bacteria 3	Thursday, August 10, 2017 2:44:24 PM	25.0				-8.08	-0.6331		2.26	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9507

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:44:24 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 90.7

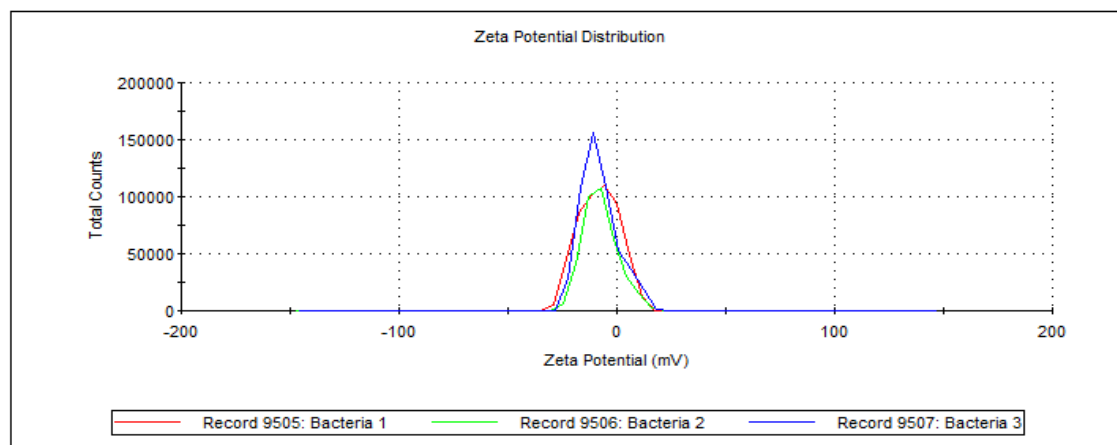
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -8.08	Peak 1: -8.08	100.0	8.55
Zeta Deviation (mV): 8.55	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.26	Peak 3: 0.00	0.0	0.00

Result quality : Good



9508	Zeta	Bacteria 1	Thursday, August 10, 2017 2:45:06 PM	25.0				-6.32	-0.4958		2.28	0.00			Nano series
9509	Zeta	Bacteria 2	Thursday, August 10, 2017 2:46:48 PM	25.0				-6.45	-0.5052		2.28	0.00			Nano series
9510	Zeta	Bacteria 3	Thursday, August 10, 2017 2:47:19 PM	25.0				-7.45	-0.5840		2.30	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9510

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:47:19 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 7

Count Rate (kcps): 176.1

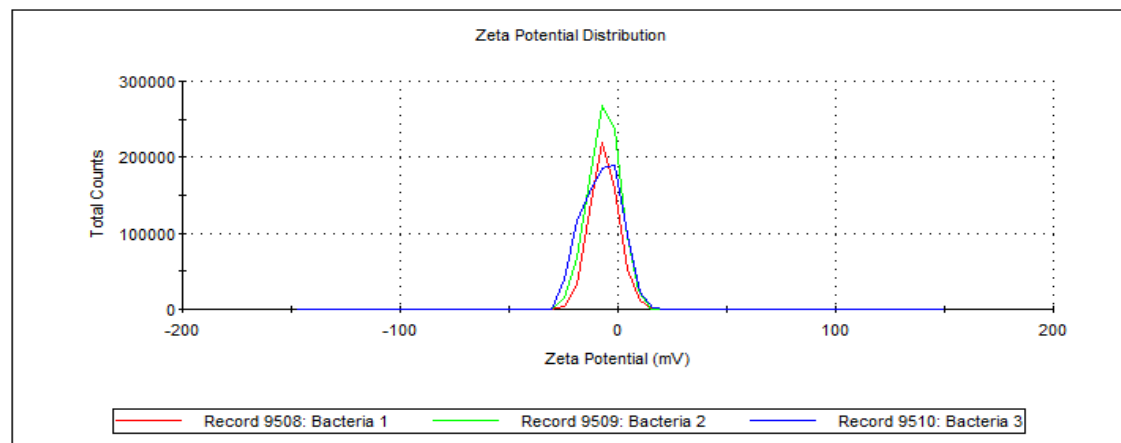
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.45	Peak 1: -7.45	100.0	8.67
Zeta Deviation (mV): 8.67	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.30	Peak 3: 0.00	0.0	0.00

Result quality : Good



9511	Zeta	Bacteria 1	Thursday, August 10, 2017 2:48:02 PM	25.0				-6.13	-0.4806		2.29	0.00			Nano series
9512	Zeta	Bacteria 2	Thursday, August 10, 2017 2:49:50 PM	25.0				-6.13	-0.4806		2.29	0.00			Nano series
9513	Zeta	Bacteria 3	Thursday, August 10, 2017 2:50:18 PM	25.0				-6.60	-0.5177		2.31	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9513

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:50:18 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 7

Count Rate (kcps): 184.4

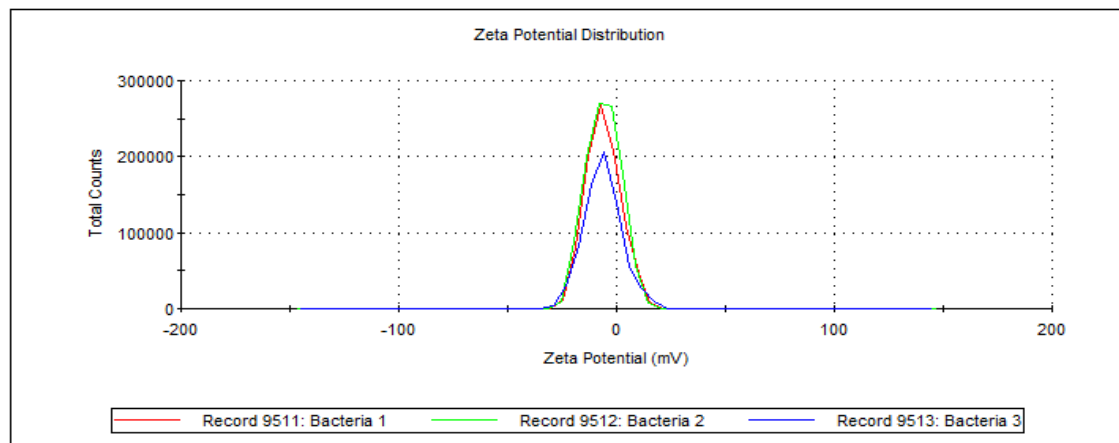
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.60	Peak 1: -6.60	100.0	8.62
Zeta Deviation (mV): 8.62	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.31	Peak 3: 0.00	0.0	0.00

Result quality : Good



3.47 C

9514	Zeta	Bacteria 1	Thursday, August 10, 2017 2:51:01 PM	25.0				-6.56	-0.5146		2.30	0.00			Nano series
9515	Zeta	Bacteria 2	Thursday, August 10, 2017 2:52:39 PM	25.0				-6.65	-0.5216		2.29	0.00			Nano series
9516	Zeta	Bacteria 3	Thursday, August 10, 2017 2:53:11 PM	25.0				-6.37	-0.4997		2.31	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9516

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:53:11 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 7

Count Rate (kcps): 93.8

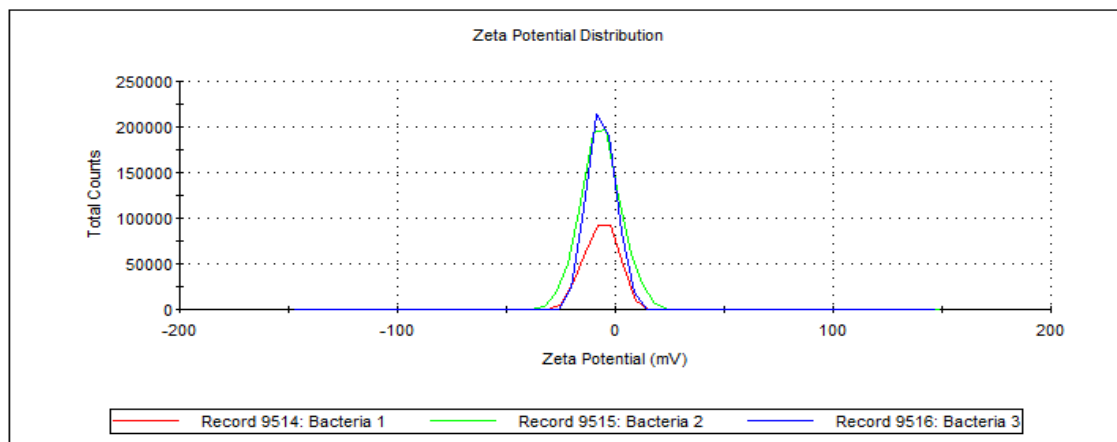
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -6.37	Peak 1: -6.37	100.0	6.45
Zeta Deviation (mV): 6.45	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.31	Peak 3: 0.00	0.0	0.00

Result quality : Good



9517	Zeta	Bacteria 1	Thursday, August 10, 2017 2:53:54 PM	25.0				-5.41	-0.4240		2.38	0.00			Nano series
9518	Zeta	Bacteria 2	Thursday, August 10, 2017 2:55:33 PM	25.0				-5.08	-0.3980		2.36	0.00			Nano series
9519	Zeta	Bacteria 3	Thursday, August 10, 2017 2:56:25 PM	25.0				-5.12	-0.4015		2.41	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9519

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 2:56:25 PM

Viscosity (cP): 0.8872

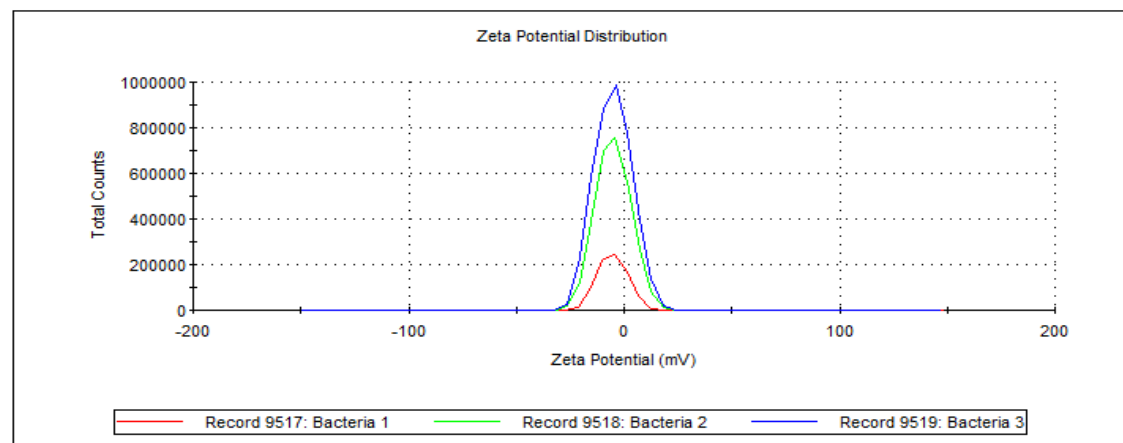
Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0
Count Rate (kcps): 629.2
Cell Description: Zeta dip cell

Zeta Runs: 20
Measurement Position (mm): 4.50
Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -5.12	Peak 1: -5.12	100.0	8.56
Zeta Deviation (mV): 8.56	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.41	Peak 3: 0.00	0.0	0.00

Result quality : Good



9520	Zeta	Bacteria 1	Thursday, August 10, 2017 2:57:49 PM	25.0				-5.70	-0.4470		2.39	0.00			Nano series
9521	Zeta	Bacteria 2	Thursday, August 10, 2017 2:59:53 PM	25.0				-5.02	-0.3937		2.40	0.00			Nano series
9522	Zeta	Bacteria 3	Thursday, August 10, 2017 3:00:24 PM	25.0				-5.92	-0.4639		2.43	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9522

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 3:00:24 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 214.8

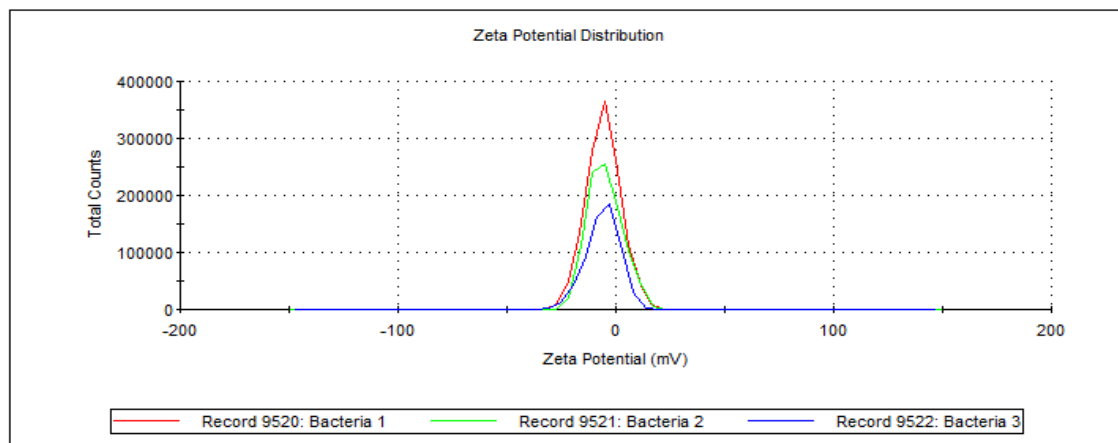
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -5.92	Peak 1: -5.92	100.0	7.68
Zeta Deviation (mV): 7.68	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.43	Peak 3: 0.00	0.0	0.00

Result quality : **Good**



9523	Zeta	Bacteria 1	Thursday, August 10, 2017 3:01:02 PM	25.0					-5.59	-0.4380		2.40	0.00			Nano series
9524	Zeta	Bacteria 2	Thursday, August 10, 2017 3:03:08 PM	25.0					-6.29	-0.4930		2.42	0.00			Nano series
9525	Zeta	Bacteria 3	Thursday, August 10, 2017 3:03:33 PM	25.0					-5.20	-0.4077		2.43	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9525

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 3:03:33 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 12

Count Rate (kcps): 64.5

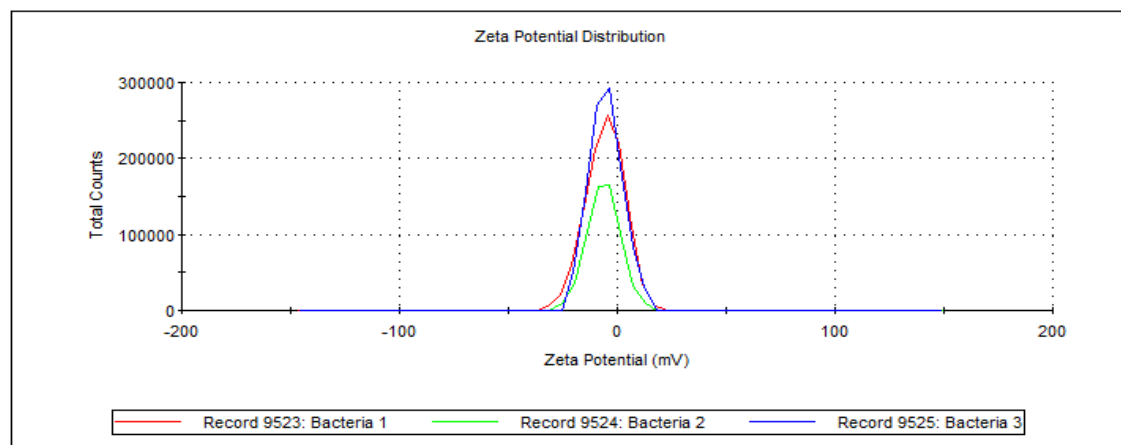
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -5.20	Peak 1: -5.20	100.0	7.62
Zeta Deviation (mV): 7.62	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.43	Peak 3: 0.00	0.0	0.00

Result quality : Good



9526	Zeta	Bacteria 1	Thursday, August 10, 2017 3:04:30 PM	25.0				-1.92	-0.1505		2.91	0.00			Nano series
9527	Zeta	Bacteria 2	Thursday, August 10, 2017 3:06:18 PM	25.0				-2.70	-0.2115		2.89	0.00			Nano series
9528	Zeta	Bacteria 3	Thursday, August 10, 2017 3:06:40 PM	25.0				-1.65	-0.1293		2.93	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9528

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 3:06:40 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 6

Count Rate (kcps): 230.3

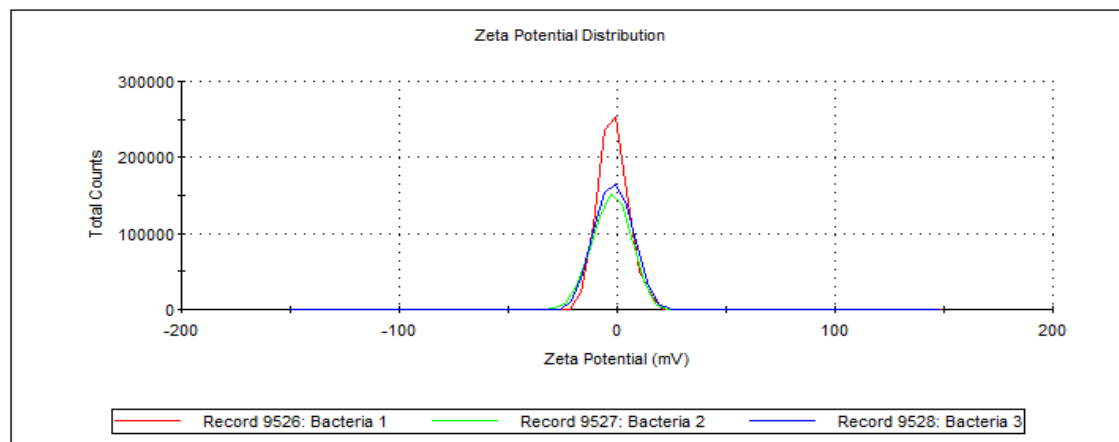
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -1.65	Peak 1: -1.65	100.0	8.42
Zeta Deviation (mV): 8.42	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.93	Peak 3: 0.00	0.0	0.00

Result quality : Good



9529	Zeta	Bacteria 1	Thursday, August 10, 2017 3:07:19 PM	25.0				-1.80	-0.1407		2.85	0.00			Nano series
9530	Zeta	Bacteria 2	Thursday, August 10, 2017 3:09:04 PM	25.0				-12.1	-0.9506		2.88	0.00			Nano series
9531	Zeta	Bacteria 3	Thursday, August 10, 2017 3:09:50 PM	25.0				-7.95	-0.6230		2.87	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9531

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 3:09:50 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 8

Count Rate (kcps): 205.0

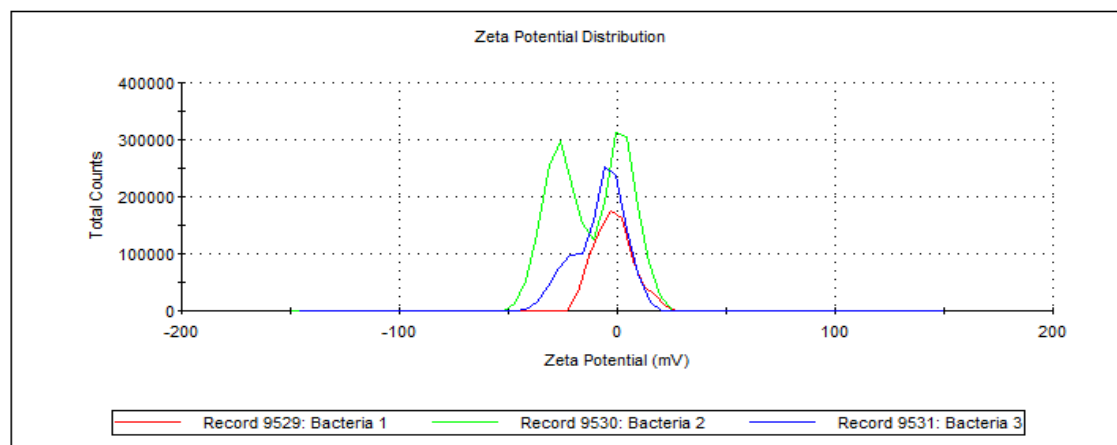
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -7.95	Peak 1: -7.95	100.0	11.4
Zeta Deviation (mV): 11.4	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.87	Peak 3: 0.00	0.0	0.00

Result quality : Good



2.54 C

9531	Zeta	Bacteria 3	Thursday, August 10, 2017 3:13:52 PM	25.0				7.92	0.0259		2.97	0.00			Nano series
9532	Zeta	Bacteria 1	Thursday, August 10, 2017 3:12:07 PM	25.0				-1.90	-0.1491		2.78	0.00			Nano series
9533	Zeta	Bacteria 2	Thursday, August 10, 2017 3:13:52 PM	25.0				-1.61	-0.1261		2.86	0.00			Nano series
9534	Zeta	Bacteria 3	Thursday, August 10, 2017 3:14:11 PM	25.0				-0.911	-0.07140		2.90	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9534

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 3:14:11 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 12

Count Rate (kcps): 210.3

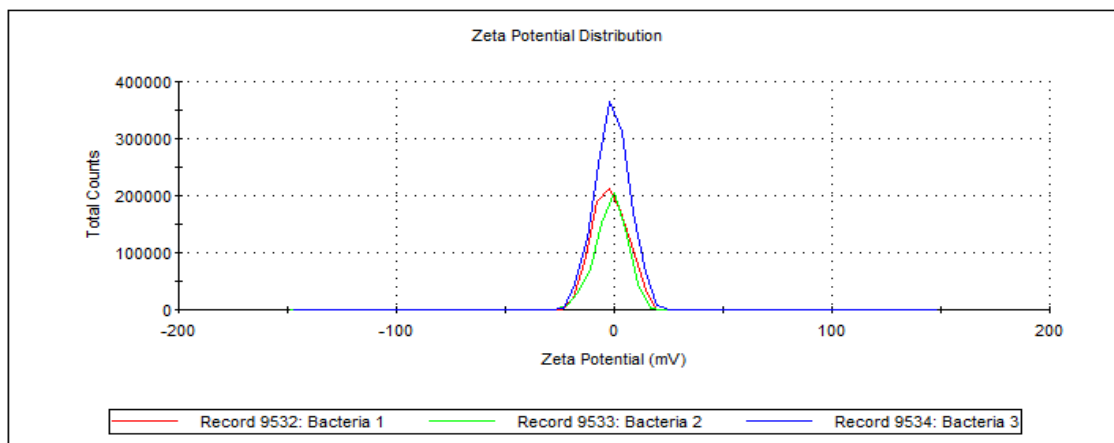
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -0.911	Peak 1: -0.911	100.0	7.79
Zeta Deviation (mV): 7.79	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.90	Peak 3: 0.00	0.0	0.00

Result quality : Good



9535	Zeta	Bacteria 1	Thursday, August 10, 2017 3:15:09 PM	25.0				-0.917	-0.07186		2.90	0.00			Nano series
9536	Zeta	Bacteria 2	Thursday, August 10, 2017 3:17:09 PM	25.0				-1.15	-0.08986		2.94	0.00			Nano series
9537	Zeta	Bacteria 3	Thursday, August 10, 2017 3:17:31 PM	25.0				-0.747	-0.05857		2.96	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9537

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 3:17:31 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 5

Count Rate (kcps): 282.5

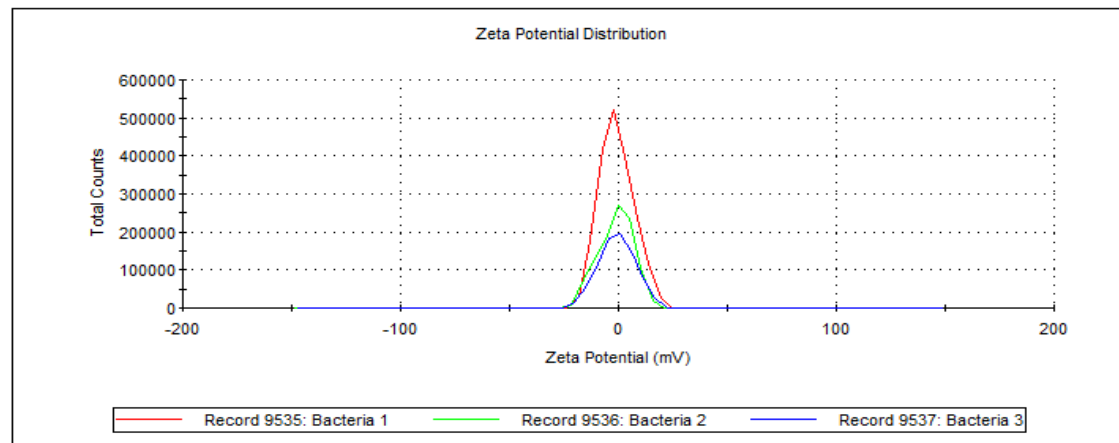
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 10

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): -0.747	Peak 1: -0.747	100.0	8.27
Zeta Deviation (mV): 8.27	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 2.96	Peak 3: 0.00	0.0	0.00

Result quality : Good



9538	Zeta	Bacteria 1	Thursday, August 10, 2017 3:18:10 PM	25.0				5.37	0.4212		5.01	0.00			Nano series
9539	Zeta	Bacteria 2	Thursday, August 10, 2017 3:20:22 PM	25.0				4.86	0.3812		5.19	0.00			Nano series
9540	Zeta	Bacteria 3	Thursday, August 10, 2017 3:20:42 PM	25.0				6.01	0.4710		5.21	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9540

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 3:20:42 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 8

Count Rate (kcps): 84.9

Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): 6.01	Peak 1: 0.00	0.0	0.00
Zeta Deviation (mV): 0.00	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 5.21	Peak 3: 0.00	0.0	0.00

Result quality : Good

Zeta Potential Distribution

Record 9538: Bacteria 1 Record 9539: Bacteria 2 Record 9540: Bacteria 3

9541	Zeta	Bacteria 1	Thursday, August 10, 2017 3:21:21 PM	25.0				4.77	0.3739		5.06	0.00			Nano series
9542	Zeta	Bacteria 2	Thursday, August 10, 2017 3:23:03 PM	25.0				5.58	0.4376		5.15	0.00			Nano series
9543	Zeta	Bacteria 3	Thursday, August 10, 2017 3:23:18 PM	25.0				5.98	0.4687		5.18	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Dispersant Name: Water

Record Number: 9543

Dispersant RI: 1.330

Date and Time: Thursday, August 10, 2017 3:23:18 PM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Temperature (°C): 25.0

Zeta Runs: 8

Count Rate (kcps): 86.6

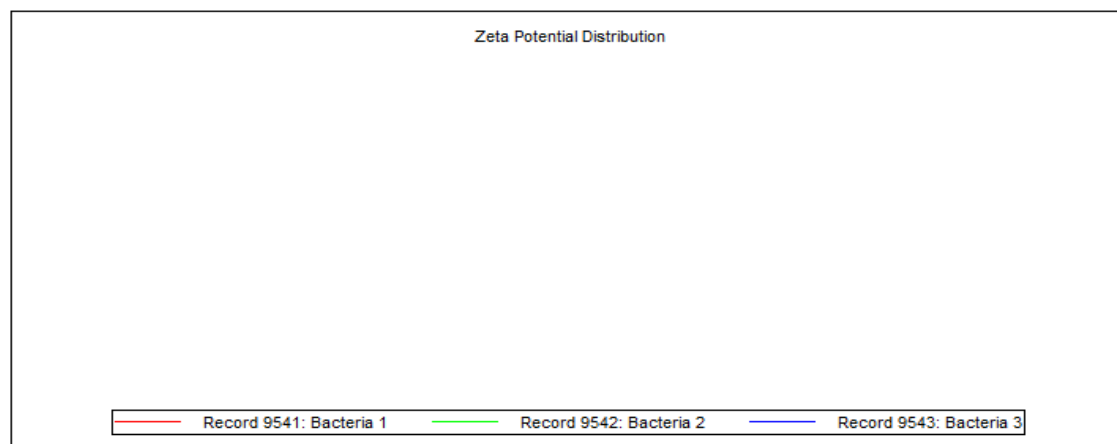
Measurement Position (mm): 4.50

Cell Description: Zeta dip cell

Attenuator: 8

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): 5.98	Peak 1: 0.00	0.0	0.00
Zeta Deviation (mV): 0.00	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 5.18	Peak 3: 0.00	0.0	0.00

Result quality : Good



9544	Zeta	Bacteria 1	Thursday, August 10, 2017 3:23:52 PM	25.0				5.61	0.4396		5.06	0.00			Nano series
9545	Zeta	Bacteria 2	Thursday, August 10, 2017 3:25:35 PM	25.0				5.70	0.4469		5.16	0.00			Nano series
9546	Zeta	Bacteria 3	Thursday, August 10, 2017 3:25:56 PM	25.0				5.12	0.4014		5.20	0.00			Nano series

Sample Name: Bacteria 3

SOP Name: Bacteria.sop

File Name: FLA- BUSE_Hoelle.dts

Record Number: 9546

Date and Time: Thursday, August 10, 2017 3:25:56 PM

Dispersant Name: Water

Dispersant RI: 1.330

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

Expert Advice

Zeta potential measurements

Mean zeta potential is trending by -8.9%.

Temperature (°C): 25.0	Zeta Runs: 30
Count Rate (kcps): 187.4	Measurement Position (mm): 4.50
Cell Description: Zeta dip cell	Attenuator: 9

	Mean (mV)	Area (%)	Width (mV)
Zeta Potential (mV): 5.12	Peak 1: 0.00	0.0	0.00
Zeta Deviation (mV): 0.00	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 5.20	Peak 3: 0.00	0.0	0.00

Result quality : **See result quality report**

Zeta Potential Distribution

Record 9544: Bacteria 1 Record 9545: Bacteria 2 Record 9546: Bacteria 3