

Sample

Name : GNP29/02/16_2.5
Mesured On : 29.02.2016 16:15
by : -- **logged as** : Admin
Comments from admin :

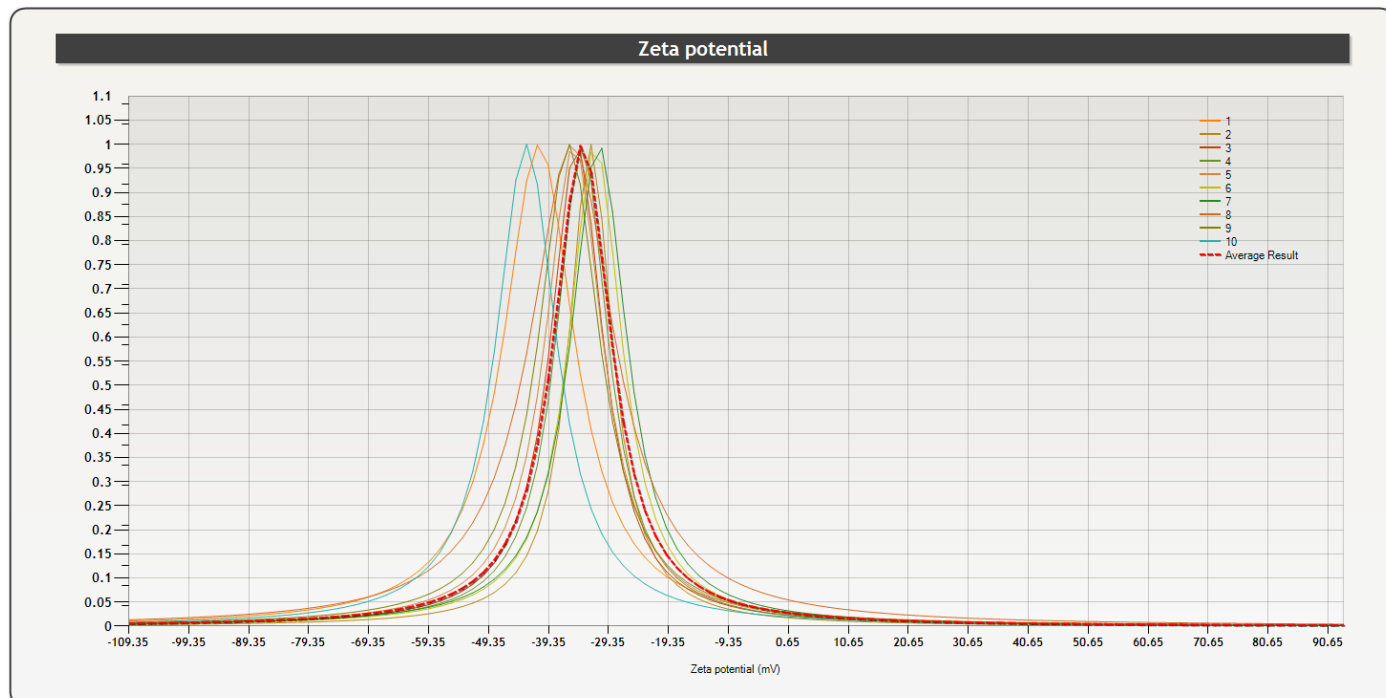
SOP

Name : Default	Resolution : MEDIUM
Laser Power : 60%	Electrode Distance : 5 mm
# Measure per sequence : 10	pH : unknown
	Temperature : 25.0 °C

Zeta potential calculation:

Solvent : Water
Dielectric Constant : 78.06

Henry function: Smoluchowski
Viscosity: 0.888 cP



Sequence $\langle \mu \rangle$: -2.63 ($\mu\text{m.cm/V.s}$) s : 0.19 $\langle Z \rangle$: -33.84(mV) s : 2.44

29.02.2016 16:18

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

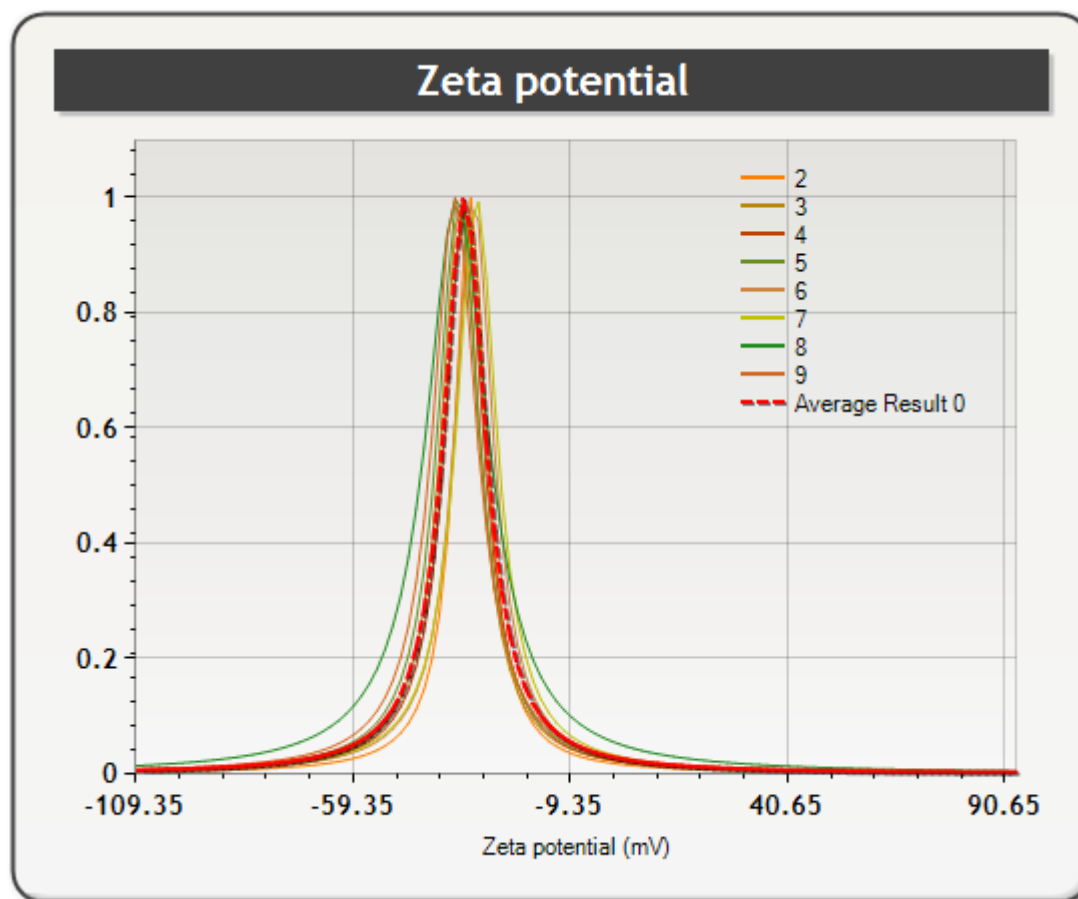
Conductivity indicator : 4.619 V

Applied field : 19.05 V/cm

Reference intensity : 420 kcps

Scattering intensity : 874 kcps

Carrier frequency : 8111 Hz

**Values**

		Raw		Fit			
#	Valid	μ ($\mu\text{m.cm/V.s}$)	z (mV)	μ ($\mu\text{m.cm/V.s}$)	s	z (mV)	s
Avg		-2.63	-33.84	-2.62	0.46	-33.73	5.86
1		-3.49	-44.81	-3.19	0.56	-40.95	7.21
2		-2.51	-32.27	-2.52	0.34	-32.35	4.41
3		-2.65	-34.06	-2.69	0.42	-34.64	5.35
4		-2.65	-34.06	-2.63	0.41	-33.78	5.28
5		-2.79	-35.85	-2.73	0.45	-35.13	5.83
6		-2.37	-30.47	-2.46	0.42	-31.56	5.39
7		-2.37	-30.47	-2.41	0.44	-30.99	5.72
8		-2.93	-37.64	-2.76	0.67	-35.42	8.67
9		-2.79	-35.85	-2.8	0.49	-35.95	6.24
10		-3.49	-44.81	-3.35	0.48	-43.07	6.13