

## Sample

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

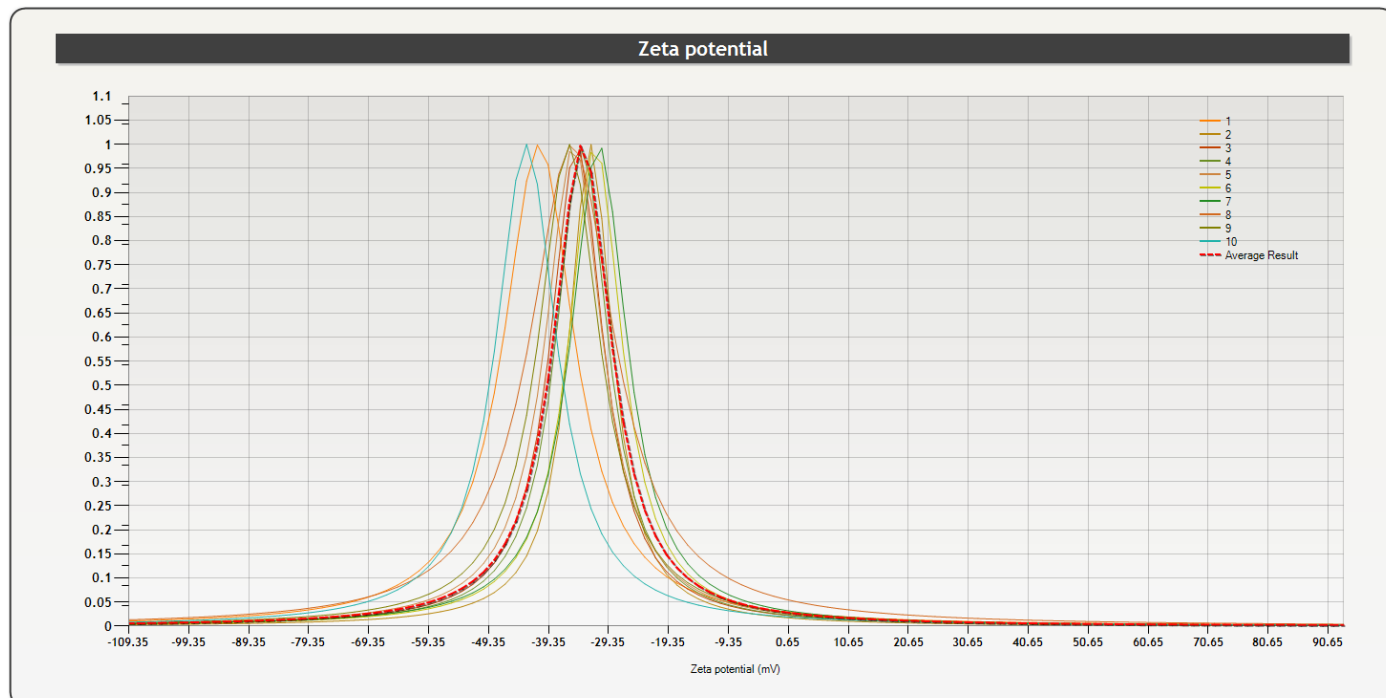
## SOP

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

### Zeta potential calculation:

**Solvent** : Water  
**Dielectric Constant** : 78.06

**Henry function:** Smoluchowski  
**Viscosity:** 0.888 cP



## Sequence

<m>: -2.63 ( $\mu\text{m.cm/V.s}$ ) S: 0.19 <Z>: -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

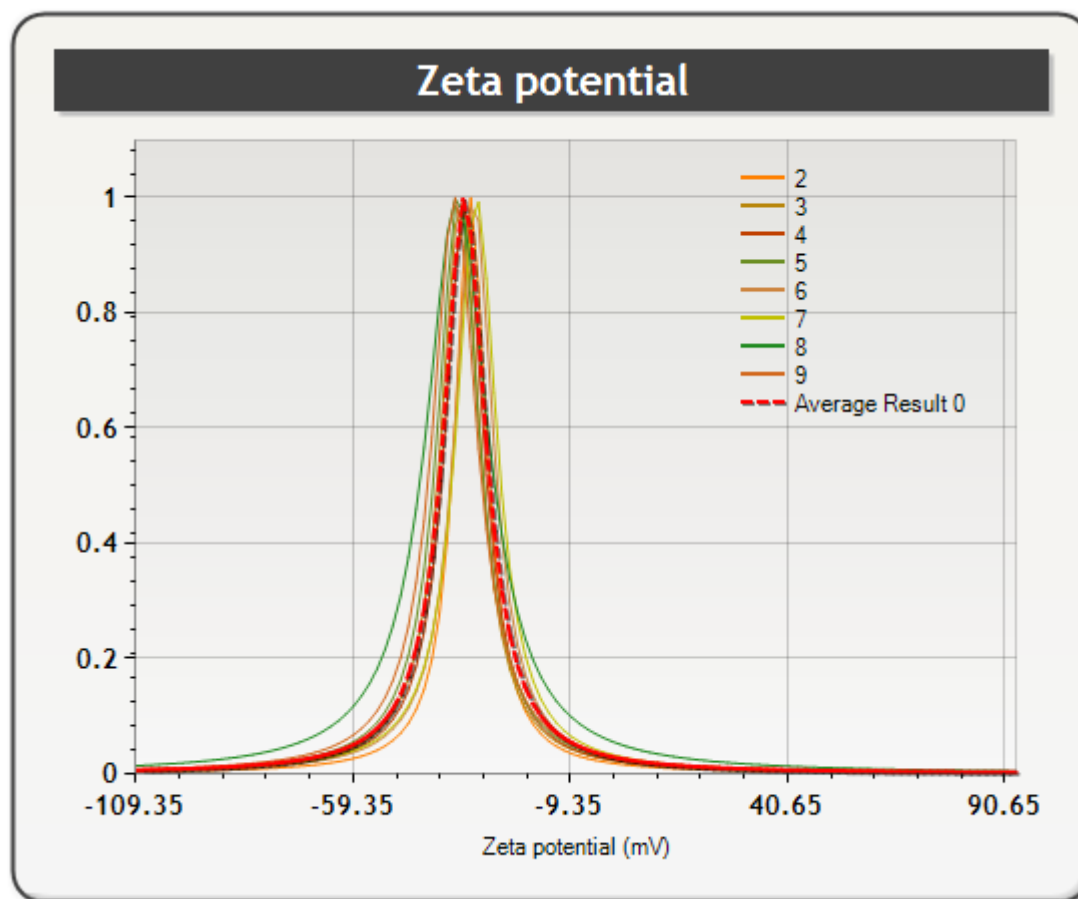
Conductivity indicator : 4.619 V

Applied field : 19.05 V/cm

Reference intensity : 420 kcps

Scattering intensity : 874 kcps

Carrier frequency : 8111 Hz



## Values

#	Valid	Raw		Fit			
		$\mu$ ( $\mu\text{m.cm/V.s}$ )	Z (mV)	$\mu$ ( $\mu\text{m.cm/V.s}$ )	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	p	-2.51	-32.27	-2.52	0.34	-32.35	4.41
3	p	-2.65	-34.06	-2.69	0.42	-34.64	5.35
4	p	-2.65	-34.06	-2.63	0.41	-33.78	5.28
5	p	-2.79	-35.85	-2.73	0.45	-35.13	5.83
6	p	-2.37	-30.47	-2.46	0.42	-31.56	5.39
7	p	-2.37	-30.47	-2.41	0.44	-30.99	5.72
8	p	-2.93	-37.64	-2.76	0.67	-35.42	8.67
9	p	-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