

## Sample

**Name** : GNP14.3.16\_0.8\_1k\_bis  
**Mesured On** : 14.03.2016 16:37  
**by** : -- **logged as** : Admin  
**Comments from admin** :

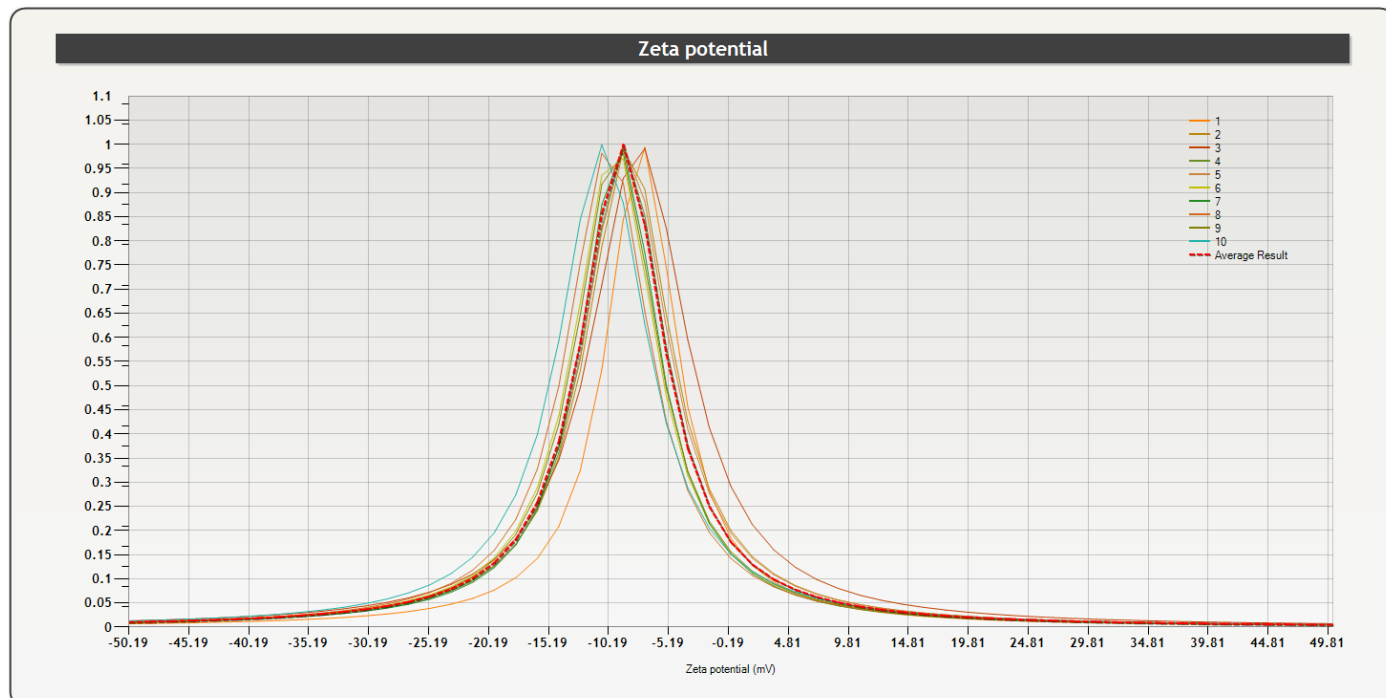
## SOP

**Name** : GNP14.3.16\_0.8\_1k0 **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

<m>: -0.71 ( $\mu\text{m.cm/V.s}$ ) S: 0.1 <Z>: -9.14(mV) S: 1.25

14.03.2016 16:40

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

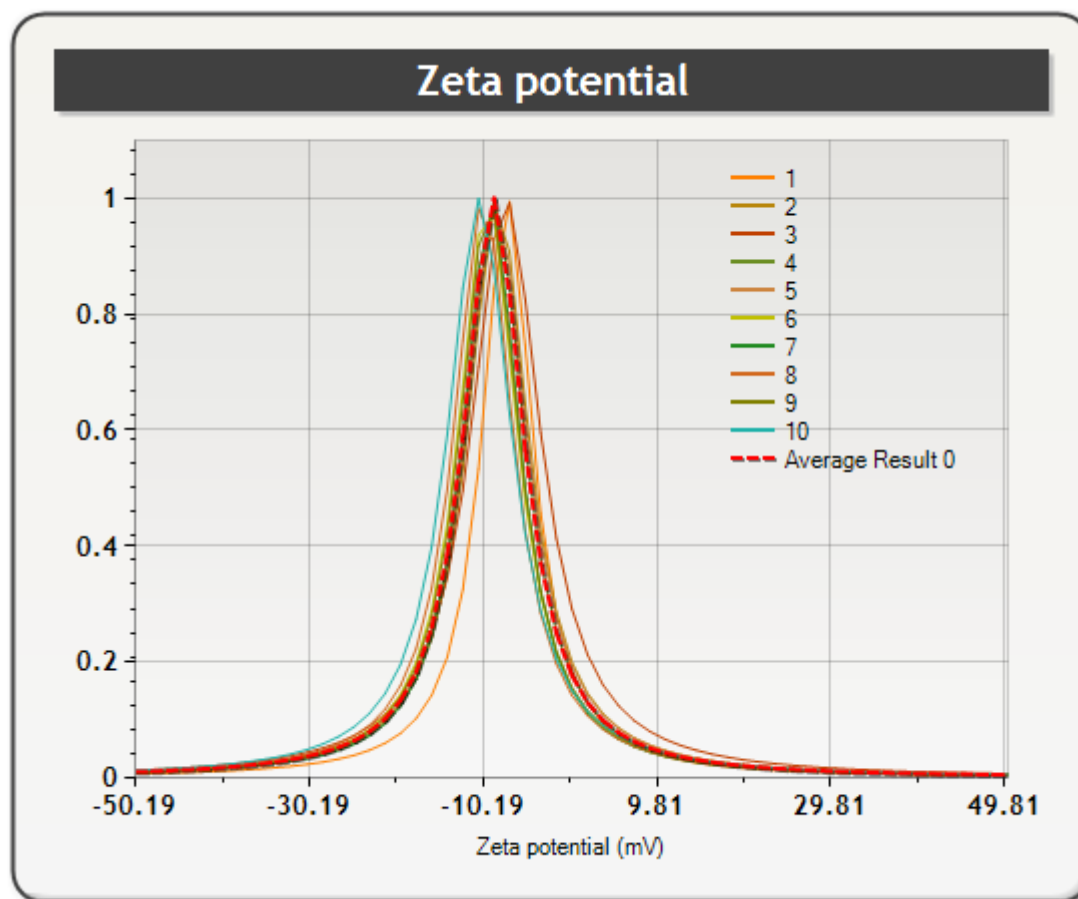
Conductivity indicator : 4.707 V

Applied field : 19.05 V/cm

Reference intensity : 1716 kcps

Scattering intensity : 2014 kcps

Carrier frequency : 8001 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		-0.71	-9.14	-0.7	0.33	-9.05	4.19
1	p	-0.56	-7.17	-0.58	0.28	-7.45	3.54
2	p	-0.7	-8.96	-0.66	0.33	-8.54	4.27
3	p	-0.56	-7.17	-0.59	0.38	-7.62	4.89
4	p	-0.7	-8.96	-0.69	0.32	-8.88	4.11
5	p	-0.7	-8.96	-0.68	0.33	-8.74	4.3
6	p	-0.7	-8.96	-0.75	0.32	-9.68	4.12
7	p	-0.84	-10.76	-0.72	0.3	-9.28	3.91
8	p	-0.7	-8.96	-0.79	0.32	-10.19	4.15
9	p	-0.84	-10.76	-0.74	0.32	-9.52	4.1
10	p	-0.84	-10.76	-0.83	0.35	-10.63	4.48