

Sample

Name : GNP14.3.16_2.5_10k
Mesured On : 14.03.2016 14:13
by : -- **logged as** : Admin
Comments from admin :

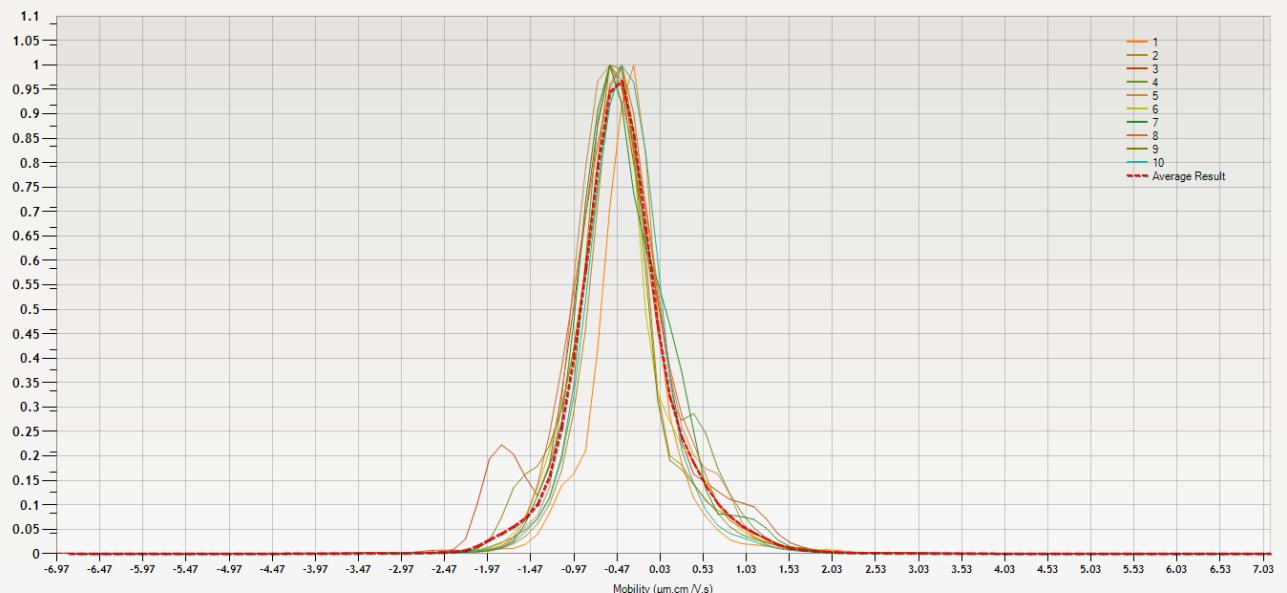
SOP

Name	: Default	Resolution	: MEDIUM
Laser Power	: 65%	Electrode Distance	: 5 mm
# Measure per sequence : 10		pH	: unknown
		Temperature	: 25.0 °C

Zeta potential calculation:

Solvant	: Water	Henry function: Smoluchowski
Dielectric Constant : 78.06		Viscosity: 0.888 cP

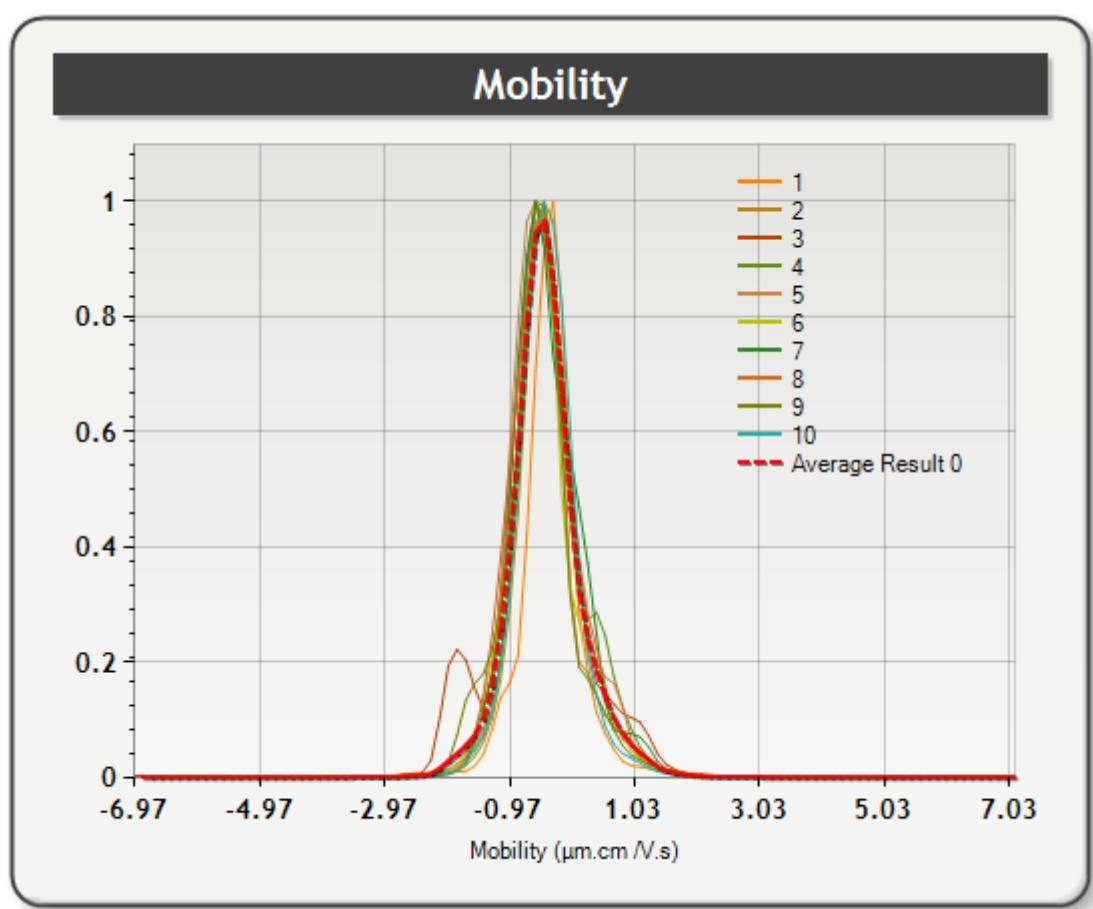
Mobility



Sequence

$\langle m \rangle$: -0.49 ($\mu\text{m.cm/V.s}$) S: 0.11 $\langle z \rangle$: -6.27(mV) S: 1.45

14.03.2016 14:17

Temperature: 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.802 V**Applied field** : 19.05 V/cm**Reference intensity** : 368 kcps**Scattering intensity** : 888 kcps**Carrier frequency** : 8025 Hz**Values**

#	Valid	Raw		Fit			
		μ ($\mu\text{m.cm/V.s}$)	z (mV)	μ ($\mu\text{m.cm/V.s}$)	S	z (mV)	S
Avg		-0.49	-6.27	-0.46	0.4	-5.87	5.21
1	b	-0.28	-3.59	-0.32	0.31	-4.17	3.98
2	b	-0.56	-7.17	-0.45	0.34	-5.76	4.42
3	b	-0.56	-7.17	-0.5	0.46	-6.4	5.93
4	b	-0.42	-5.38	-0.46	0.41	-5.89	5.26
5	b	-0.7	-8.96	-0.49	0.45	-6.35	5.84
6	b	-0.42	-5.38	-0.49	0.38	-6.32	4.88
7	b	-0.56	-7.17	-0.48	0.45	-6.19	5.75
8	b	-0.42	-5.38	-0.47	0.46	-6.05	5.9
9	b	-0.56	-7.17	-0.5	0.39	-6.49	4.98
10	b	-0.42	-5.38	-0.39	0.4	-5.07	5.12