

Sample

Name : GNP10.3.16_2.5_1k_3

Mesured On : 14.03.2016 18:20

by : -- **logged as** : Admin

Comments from admin :

SOP

Name : Default **Resolution** : MEDIUM

Laser Power : 60% **Electrode Distance** : 5 mm

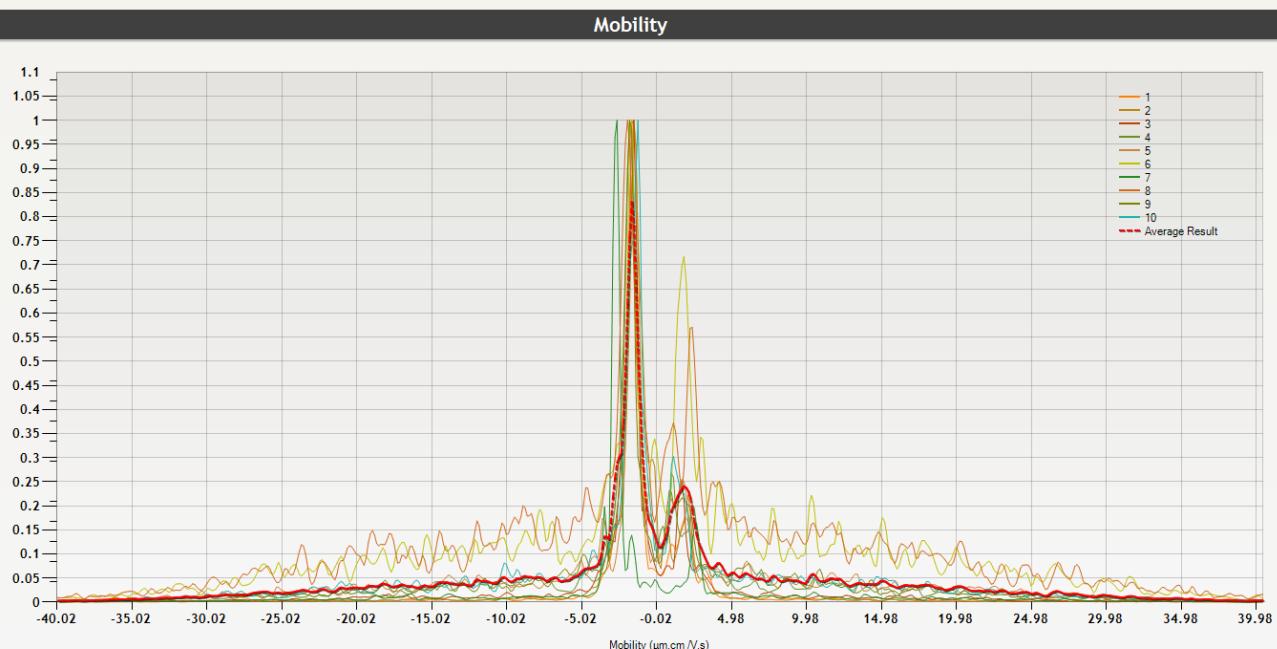
Measure per sequence : 10 **pH** : unknown

Temperature : 25.0 °C

Zeta potential calculation:

Solvant : Water **Henry function:** Smoluchowski

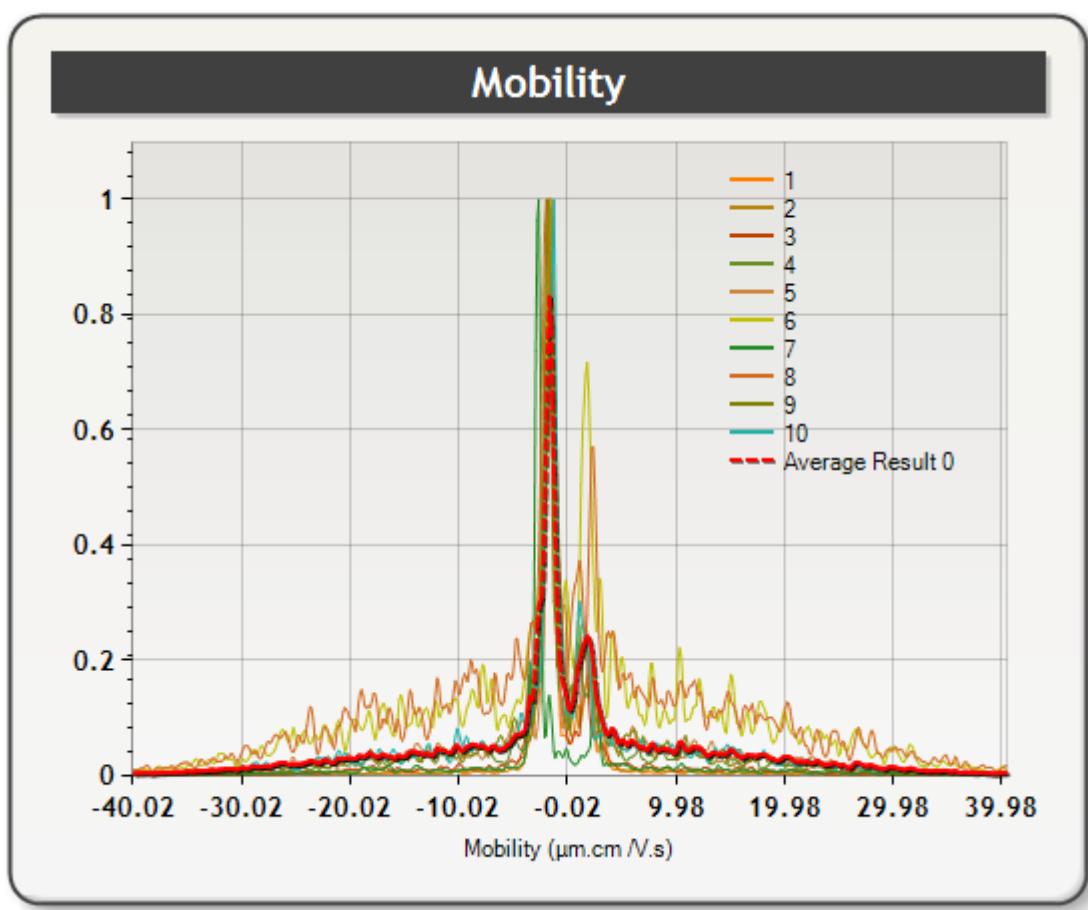
Dielectric Constant : 78.06 **Viscosity:** 0.888 cP



Sequence

$\langle m \rangle$: -1.76 ($\mu\text{m.cm/V.s}$) S: 0.35 $\langle Z \rangle$: -22.59(mV) S: 4.48

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Temperature: 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.553 V**Applied field** : 19.05 V/cm**Reference intensity** : 402 kcps**Scattering intensity** : 460 kcps**Carrier frequency** : 8005 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		-1.76	-22.59	-1.74	0.56	-22.41	7.2
1	b	-1.53	-19.72	-1.54	0.44	-19.76	5.6
2	b	-1.53	-19.72	-1.42	0.54	-18.28	6.96
3	b	-1.67	-21.51	-1.63	-0.44	-20.89	-5.61
4	b	-1.81	-23.3	-1.74	-0.49	-22.4	-6.26
5	b	-1.67	-21.51	-1.64	-0.4	-21.09	-5.15
6	b	-1.81	-23.3	-1.66	-0.87	-21.38	-11.21
7	b	-2.65	-34.06	-2.72	0.28	-34.91	3.61
8	b	-1.95	-25.1	-1.85	-1.08	-23.76	-13.86
9	b	-1.67	-21.51	-1.81	-0.5	-23.33	-6.42
10	b	-1.25	-16.13	-1.42	-0.57	-18.25	-7.36