

Sample

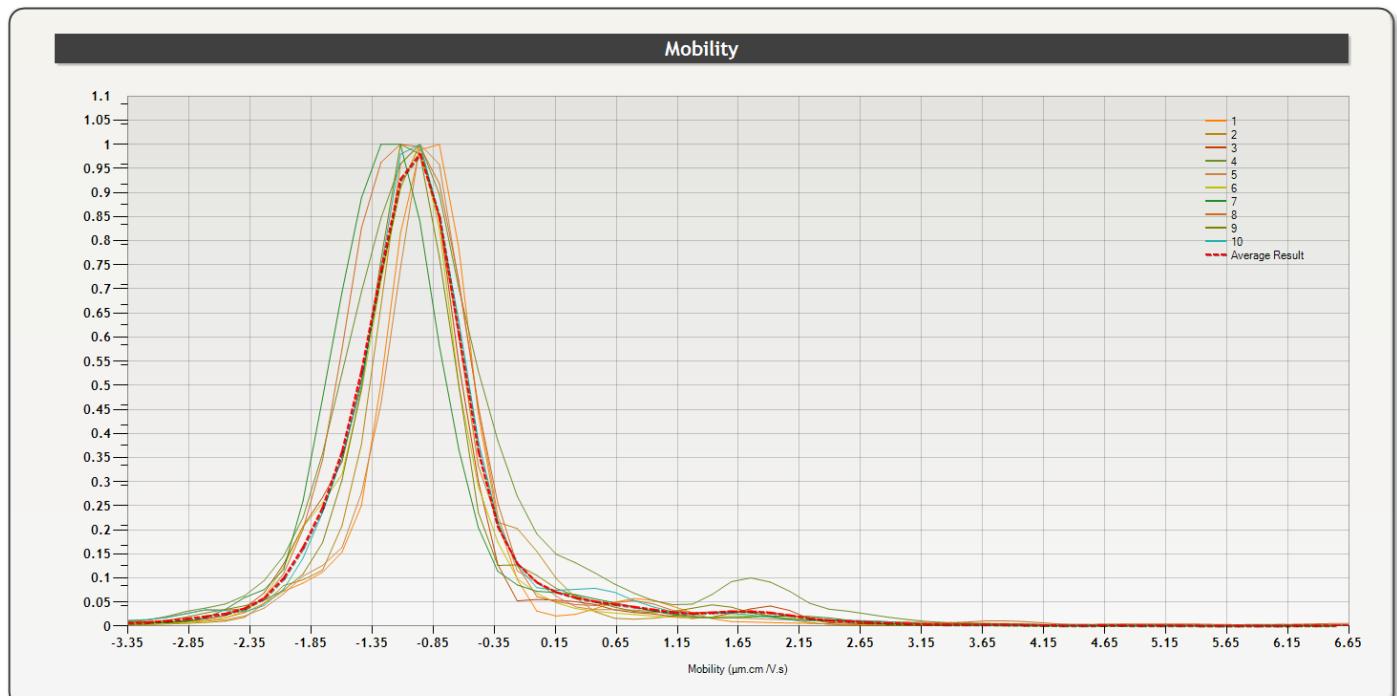
Name : GNP17.3.16_2.5ml_1k
Mesured On : 17.03.2016 18:04
by : -- **logged as** : Admin
Comments from admin :

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:

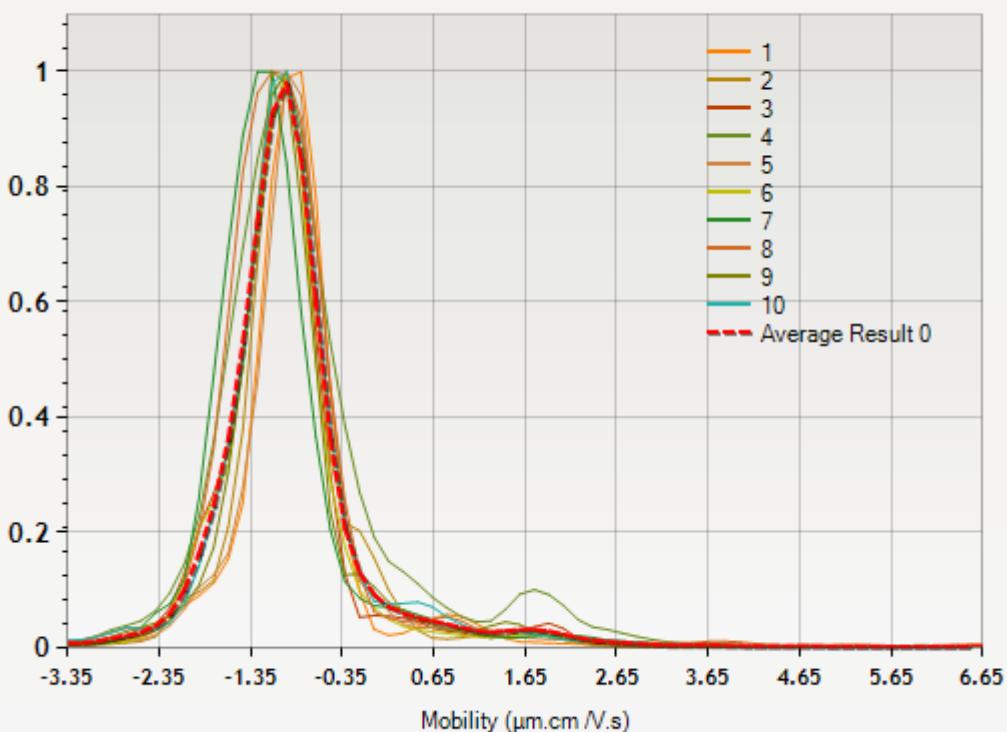
Solvant	: Water	Henry function: Smoluchowski
Dielectric Constant : 78.06		Viscosity: 0.888 cP



Sequence

$\langle m \rangle$: -1.02 ($\mu\text{m.cm/V.s}$) S: 0.11 $\langle Z \rangle$: -13.12(mV) S: 1.36

17.03.2016 18:07

Temperature: 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.415 V**Applied field** : 16.66 V/cm**Reference intensity** : 234 kcps**Scattering intensity** : 260 kcps**Carrier frequency** : 8098 Hz**Mobility****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		-1.02	-13.12	-1.02	0.41	-13.08	5.29
1	b	-0.8	-10.25	-0.89	0.35	-11.47	4.56
2	b	-1.12	-14.35	-0.97	0.37	-12.51	4.8
3	b	-0.96	-12.3	-1.03	0.39	-13.23	5.02
4	b	-0.96	-12.3	-1.02	0.54	-13.06	6.9
5	b	-0.96	-12.3	-0.89	0.35	-11.43	4.52
6	b	-0.96	-12.3	-1.03	0.38	-13.22	4.92
7	b	-1.12	-14.35	-1.22	0.44	-15.74	5.65
8	b	-1.12	-14.35	-1.07	0.5	-13.81	6.41
9	b	-1.12	-14.35	-1.04	0.37	-13.39	4.78
10	b	-1.12	-14.35	-1	0.42	-12.91	5.34