

Sample

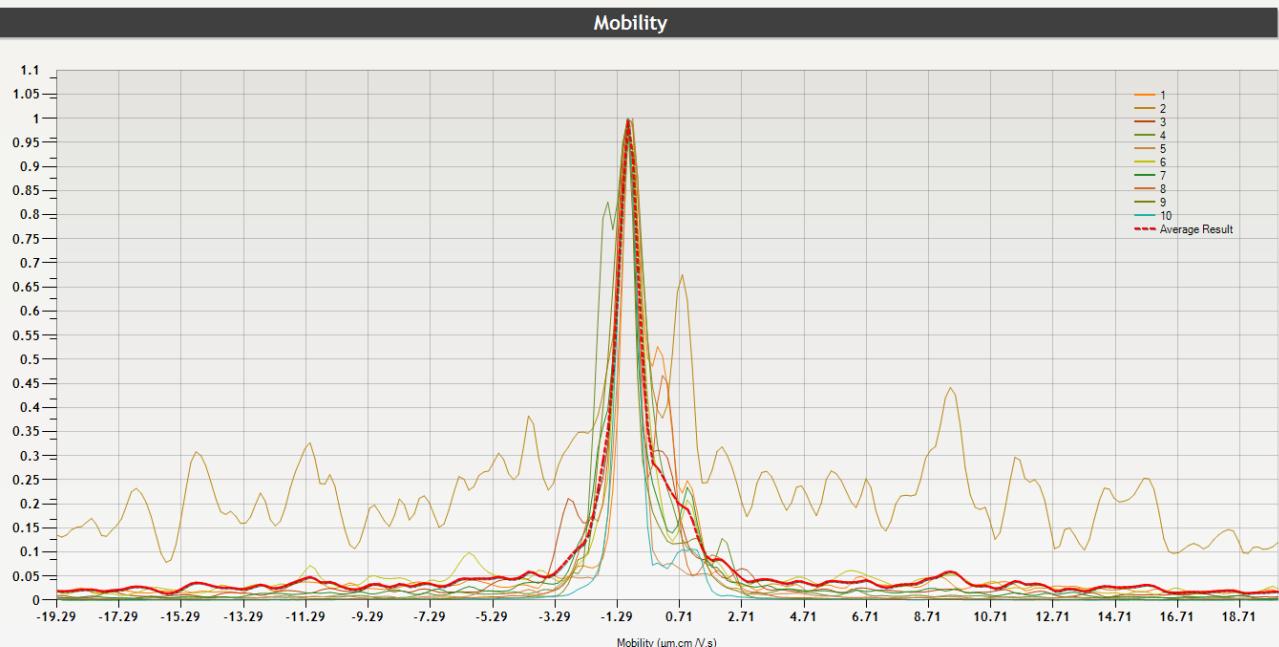
Name : GNP17.3.16_2.5ml_1k_2
Mesured On : 17.03.2016 18:24
by : -- **logged as** : Admin
Comments from admin :

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:

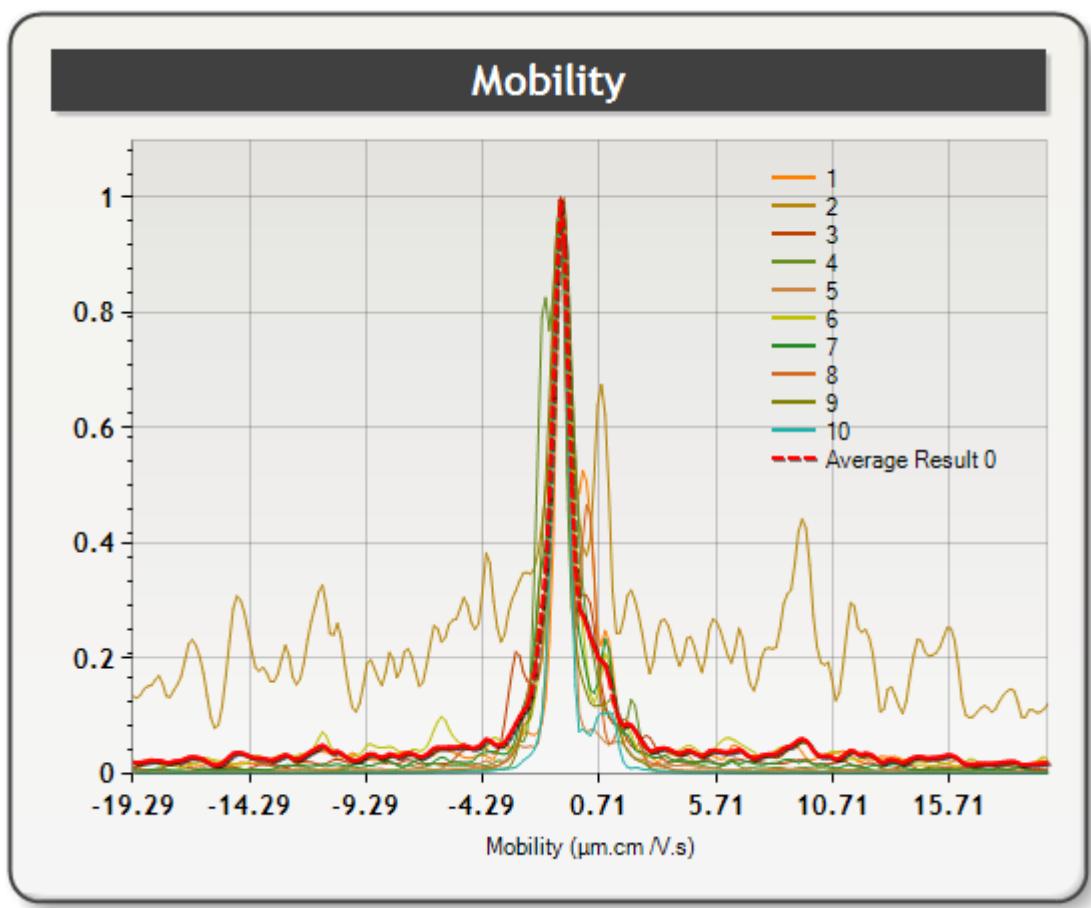
Solvant	: Water	Henry function: Smoluchowski
Dielectric Constant : 78.06		Viscosity: 0.888 cP



Sequence

$\langle m \rangle$: -0.94 ($\mu\text{m.cm/V.s}$) S: 0.05 $\langle Z \rangle$: -12.09(mV) S: 0.61

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Temperature: 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.442 V**Applied field** : 16.66 V/cm**Reference intensity** : 142 kcps**Scattering intensity** : 461 kcps**Carrier frequency** : 8042 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		-0.94	-12.09	-0.91	0.67	-11.75	8.57
1	b	-0.96	-12.3	-0.7	-0.58	-8.99	-7.41
2	b	-0.96	-12.3	-0.67	-2.03	-8.65	-26.11
3	b	-0.96	-12.3	-0.97	-0.56	-12.41	-7.2
4	b	-0.8	-10.25	-1.04	0.76	-13.35	9.77
5	b	-0.96	-12.3	-0.85	0.38	-10.95	4.92
6	b	-0.96	-12.3	-0.9	-0.51	-11.54	-6.6
7	b	-0.96	-12.3	-1.01	0.5	-12.99	6.42
8	b	-0.96	-12.3	-0.95	0.51	-12.23	6.59
9	b	-0.96	-12.3	-1.09	0.48	-14.04	6.12
10	b	-0.96	-12.3	-0.96	0.35	-12.37	4.53