

Sample

Name : GNP10.3.16_1.24_20k
Mesured On : 10.03.2016 16:14
by : -- **logged as** : Admin
Comments from admin :

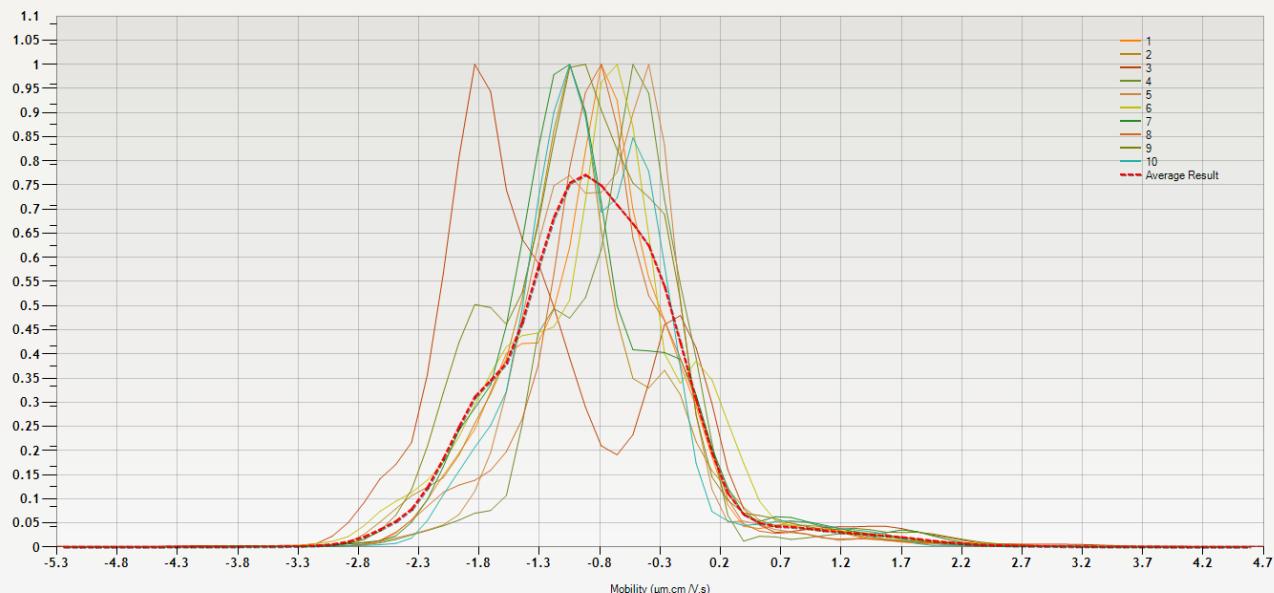
SOP

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

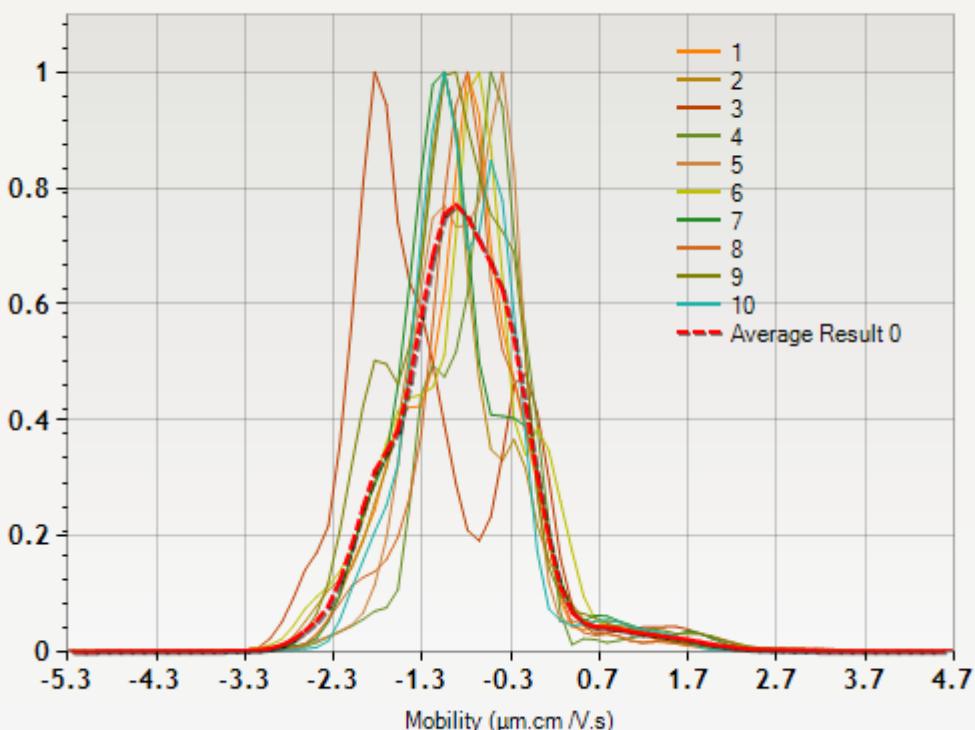
Mobility



Sequence

$\langle m \rangle$: -0.94 ($\mu\text{m.cm/V.s}$) S: 0.38 $\langle Z \rangle$: -12.13(mV) S: 4.87

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Temperature: 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 5.194 V**Applied field** : 20.27 V/cm**Reference intensity** : 597 kcps**Scattering intensity** : 676 kcps**Carrier frequency** : 8108 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		-0.94	-12.13	-0.91	0.49	-11.72	6.24
1	þ	-0.79	-10.11	-0.78	0.46	-9.98	5.88
2	þ	-1.05	-13.48	-1.05	0.43	-13.45	5.53
3	þ	-1.83	-23.59	-1.68	0.48	-21.62	6.14
4	þ	-0.52	-6.74	-0.54	0.41	-6.95	5.29
5	þ	-0.39	-5.05	-0.7	0.53	-9	6.76
6	þ	-0.79	-10.11	-0.72	0.5	-9.26	6.38
7	þ	-1.18	-15.16	-1.06	0.49	-13.64	6.26
8	þ	-0.79	-10.11	-0.8	0.42	-10.24	5.45
9	þ	-1.05	-13.48	-0.91	0.63	-11.64	8.05
10	þ	-1.05	-13.48	-0.89	0.52	-11.43	6.7