

Sample

Name : GNP14.3.16_2.5_5k
Mesured On : 14.03.2016 16:02
by : -- **logged as** : Admin
Comments from admin :

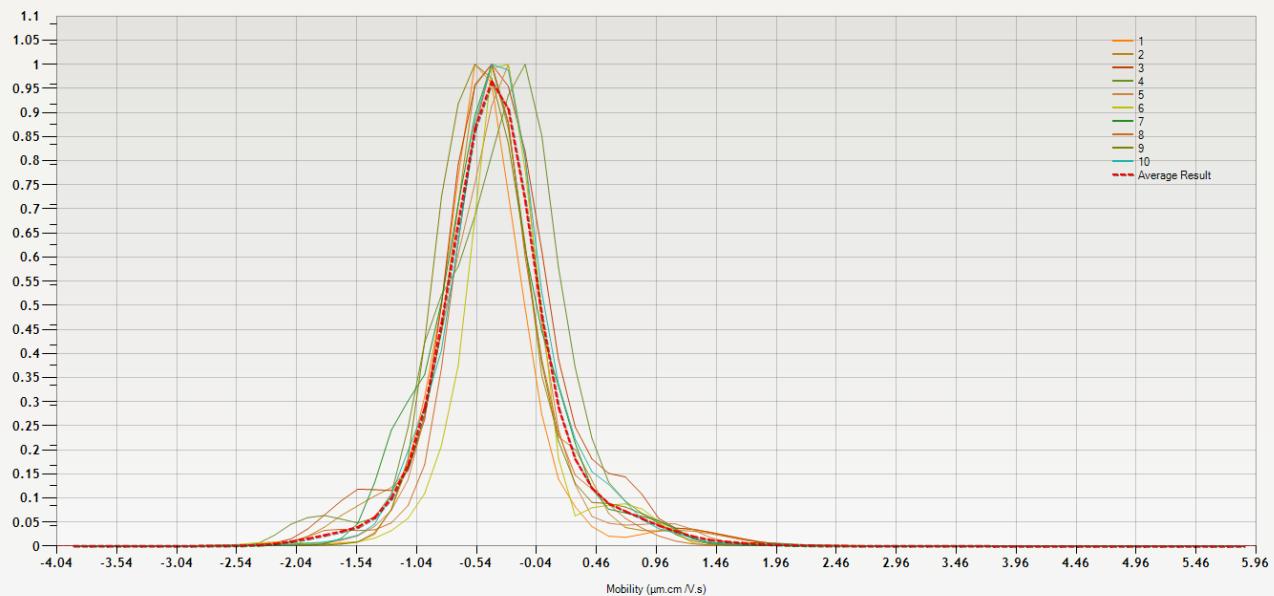
SOP

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

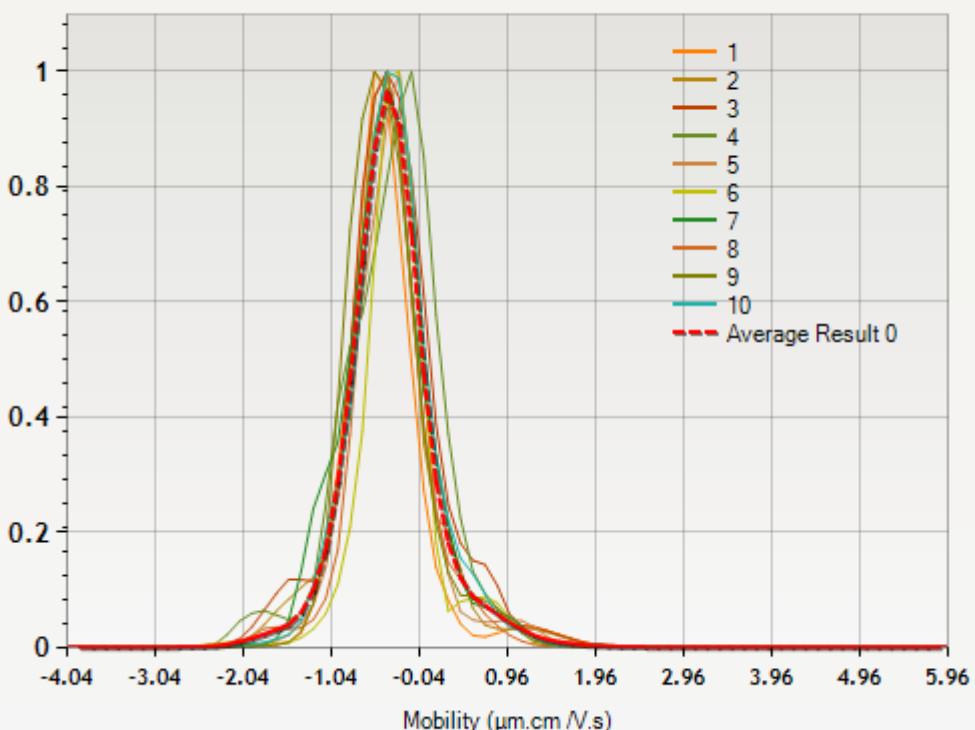
Mobility



Sequence

$\langle m \rangle$: -0.4 ($\mu\text{m.cm/V.s}$) S: 0.13 $\langle z \rangle$: -5.2(mV) S: 1.69

14.03.2016 16:04

Temperature: 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.7 V**Applied field** : 19.05 V/cm**Reference intensity** : 700 kcps**Scattering intensity** : 704 kcps**Carrier frequency** : 8015 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		-0.4	-5.2	-0.4	0.36	-5.2	4.62
1	þ	-0.56	-7.17	-0.5	0.31	-6.37	4.03
2	þ	-0.56	-7.17	-0.44	0.35	-5.7	4.47
3	þ	-0.42	-5.38	-0.39	0.42	-5.02	5.37
4	þ	-0.14	-1.79	-0.27	0.44	-3.5	5.66
5	þ	-0.28	-3.59	-0.38	0.34	-4.86	4.35
6	þ	-0.42	-5.38	-0.33	0.29	-4.25	3.68
7	þ	-0.42	-5.38	-0.44	0.38	-5.7	4.94
8	þ	-0.42	-5.38	-0.41	0.32	-5.31	4.05
9	þ	-0.56	-7.17	-0.5	0.37	-6.48	4.81
10	þ	-0.28	-3.59	-0.37	0.37	-4.81	4.81