

Sample

Name : GNP14.3.16_1.24_1k
Mesured On : 14.03.2016 16:58
by : -- **logged as** : Admin
Comments from admin :

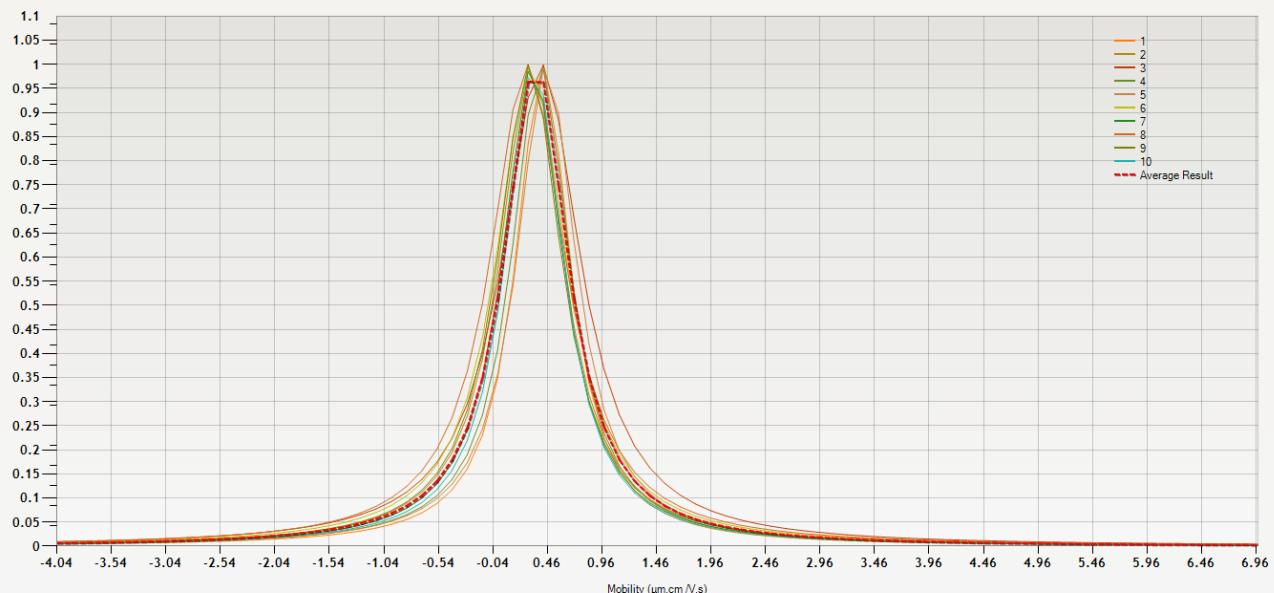
SOP

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

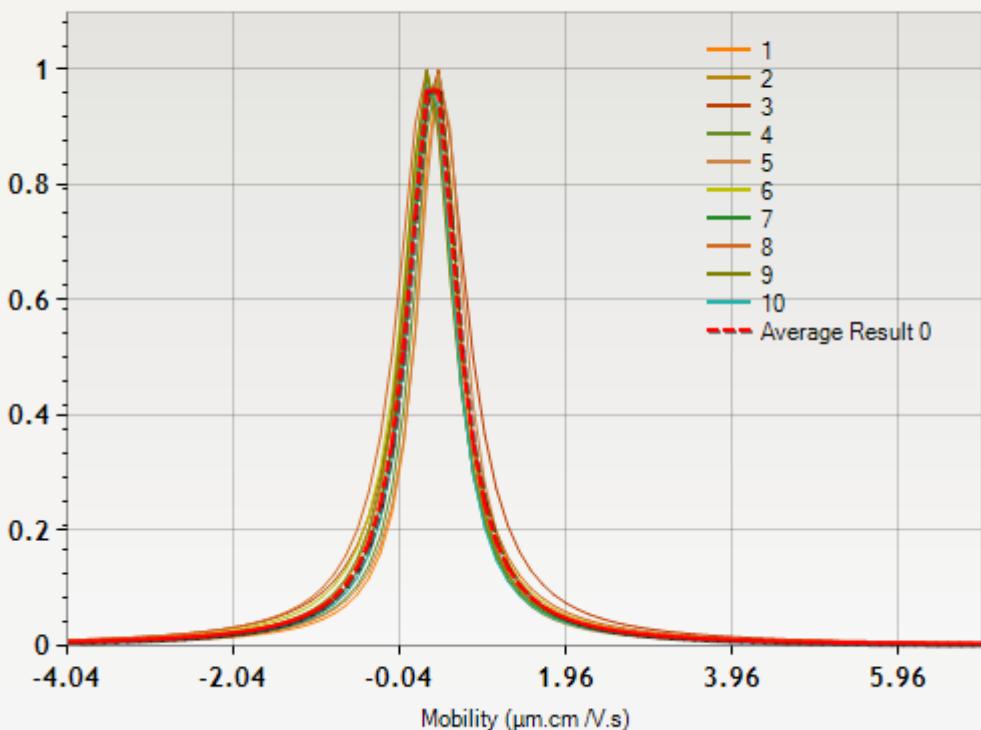
Mobility



Sequence

$\langle m \rangle$: 0.38 ($\mu\text{m.cm/V.s}$) S: 0.09 $\langle z \rangle$: 4.84(mV) S: 1.15

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Temperature: 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.838 V**Applied field** : 19.05 V/cm**Reference intensity** : 426 kcps**Scattering intensity** : 2028 kcps**Carrier frequency** : 8008 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		0.38	4.84	0.35	0.36	4.48	4.61
1	þ	0.42	5.38	0.41	0.3	5.32	3.9
2	þ	0.28	3.59	0.31	0.36	3.97	4.6
3	þ	0.56	7.17	0.4	0.44	5.13	5.65
4	þ	0.42	5.38	0.39	0.32	5.02	4.17
5	þ	0.42	5.38	0.45	0.33	5.74	4.27
6	þ	0.28	3.59	0.31	0.39	3.94	5.02
7	þ	0.28	3.59	0.32	0.34	4.12	4.35
8	þ	0.28	3.59	0.27	0.42	3.53	5.38
9	þ	0.42	5.38	0.29	0.36	3.75	4.6
10	þ	0.42	5.38	0.33	0.33	4.3	4.18