

Sample

Name : GNP10.3.16_2.5_20k
Mesured On : 10.03.2016 18:38
by : -- **logged as** : Admin
Comments from admin :

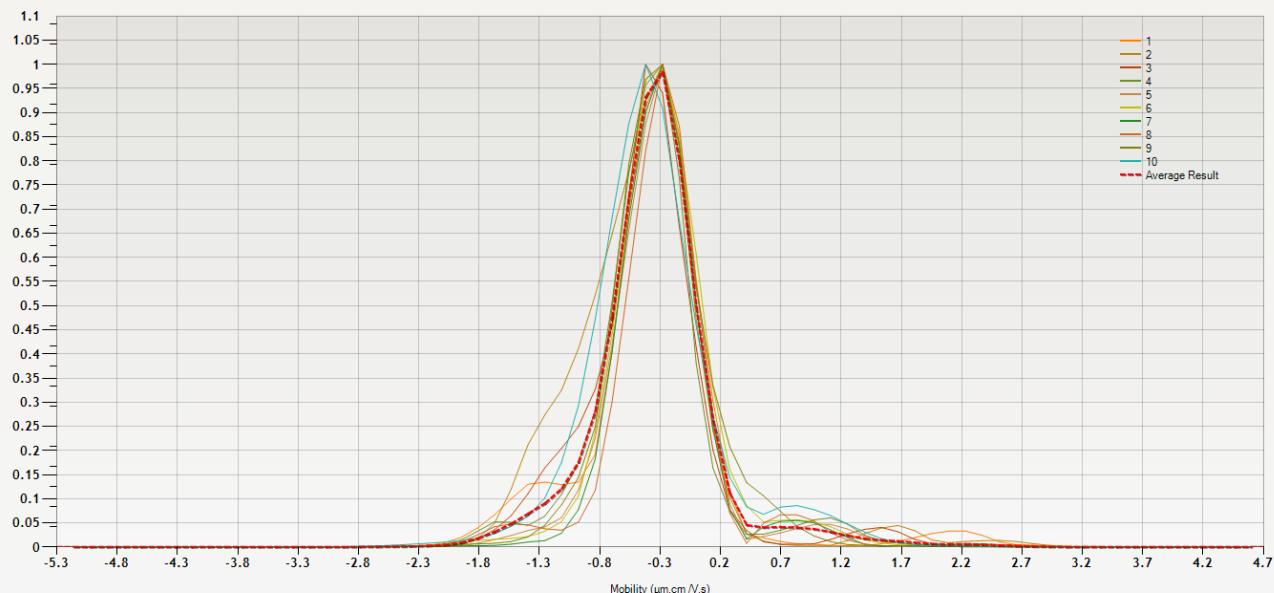
SOP

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

$\langle m \rangle$: -0.32 ($\mu\text{m.cm/V.s}$) S: 0.06 $\langle z \rangle$: -4.12(mV) S: 0.82

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Temperature: 25.0 °C **pH** : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

Conductivity indicator : 4.927 V

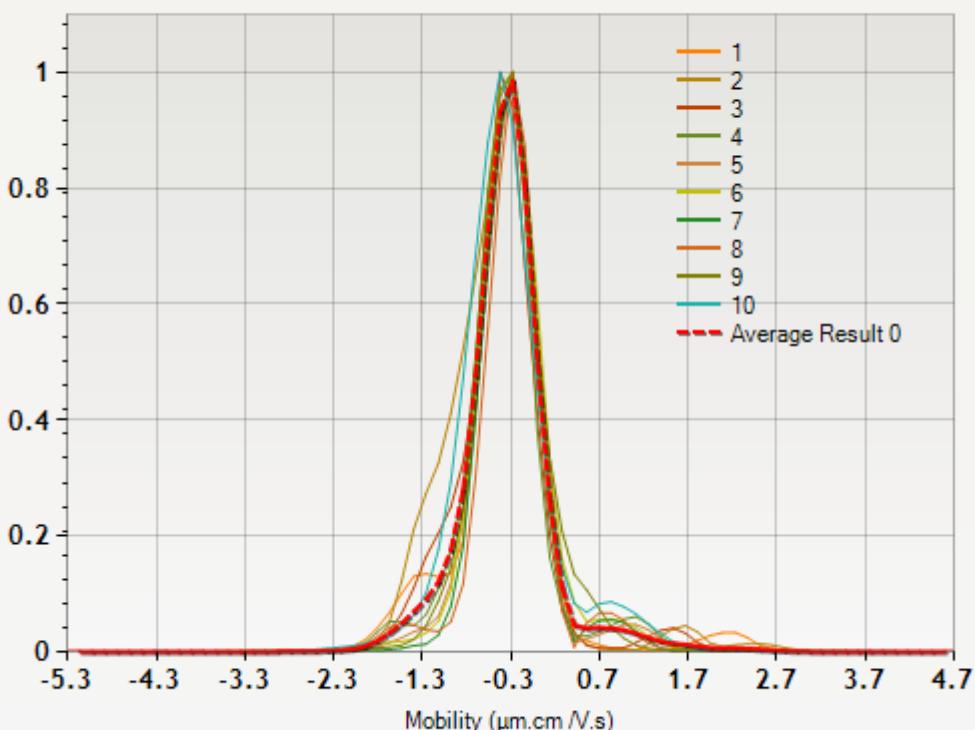
Applied field : 19.05 V/cm

Reference intensity : 906 kcps

Scattering intensity : 965 kcps

Carrier frequency : 8030 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		-0.32	-4.12	-0.35	0.31	-4.45	4.05
1	b	-0.28	-3.59	-0.31	0.31	-4.05	3.96
2	b	-0.28	-3.59	-0.42	0.38	-5.38	4.92
3	b	-0.42	-5.38	-0.38	0.31	-4.89	3.95
4	b	-0.28	-3.59	-0.37	0.3	-4.77	3.86
5	b	-0.28	-3.59	-0.32	0.29	-4.09	3.74
6	b	-0.42	-5.38	-0.31	0.32	-3.98	4.09
7	b	-0.28	-3.59	-0.32	0.28	-4.09	3.65
8	b	-0.28	-3.59	-0.28	0.27	-3.61	3.48
9	b	-0.28	-3.59	-0.33	0.33	-4.24	4.25
10	b	-0.42	-5.38	-0.42	0.36	-5.38	4.59