

Sample

Name : GNP29/02/16_1.24
Mesured On : 29.02.2016 16:44
by : -- **logged as** : Admin
Comments from admin :

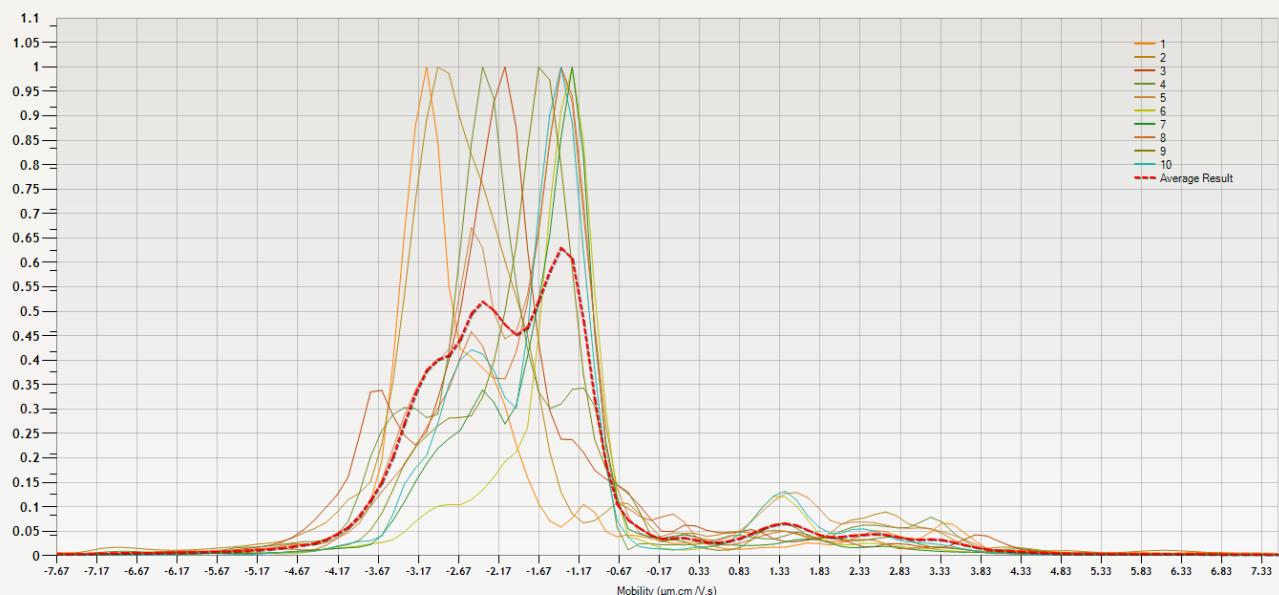
SOP

Name	: GNP29/02/16_2.50	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

$\langle m \rangle$: -1.88 ($\mu\text{m.cm/V.s}$) S: 0.66 $\langle z \rangle$: -24.2(mV) S: 8.46

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Temperature: 25.0 °C **pH** : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

Conductivity indicator : 4.737 V

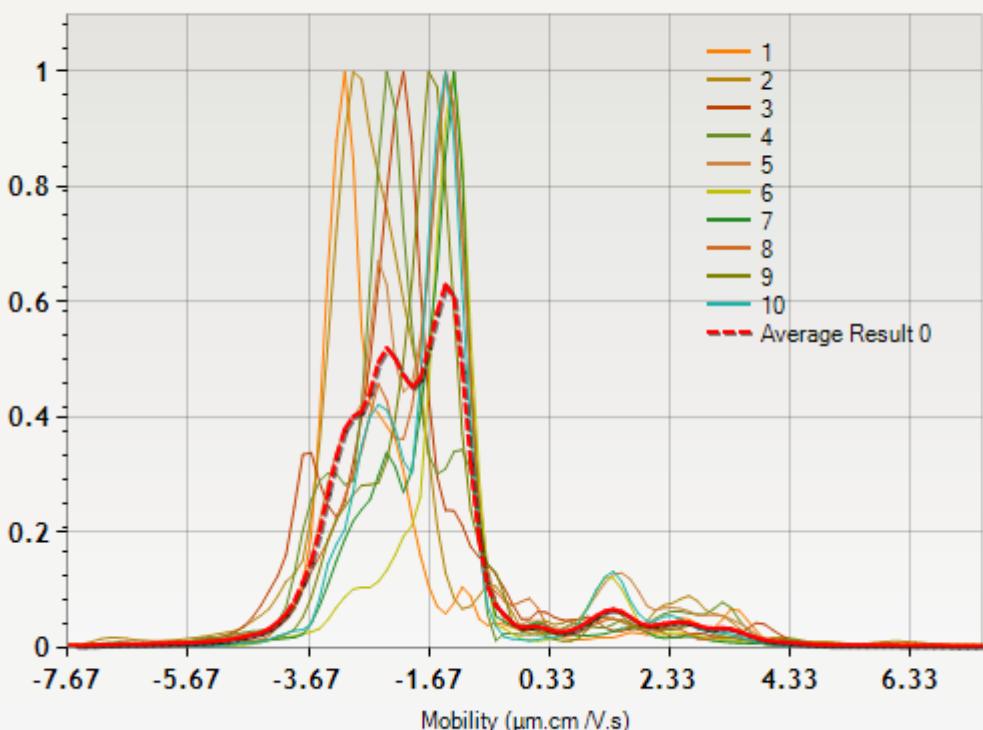
Applied field : 19.05 V/cm

Reference intensity : 449 kcps

Scattering intensity : 503 kcps

Carrier frequency : 8049 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		-1.88	-24.2	-1.91	0.48	-24.54	6.21
1	þ	-3.07	-39.44	-3.04	0.39	-39.04	5.02
2	þ	-2.93	-37.64	-2.71	0.64	-34.85	8.16
3	þ	-2.09	-26.89	-2.18	0.53	-28.05	6.81
4	þ	-2.37	-30.47	-2.32	0.51	-29.77	6.55
5	þ	-1.39	-17.93	-1.59	0.65	-20.43	8.3
6	þ	-1.25	-16.13	-1.31	0.33	-16.81	4.3
7	þ	-1.25	-16.13	-1.36	0.38	-17.47	4.93
8	þ	-1.39	-17.93	-1.46	0.5	-18.82	6.38
9	þ	-1.67	-21.51	-1.66	0.47	-21.36	6.08
10	þ	-1.39	-17.93	-1.47	0.43	-18.84	5.52