

Sample

Name : GNP10.3.16_0.8_20k
Mesured On : 10.03.2016 18:16
by : -- **logged as** : Admin
Comments from admin :

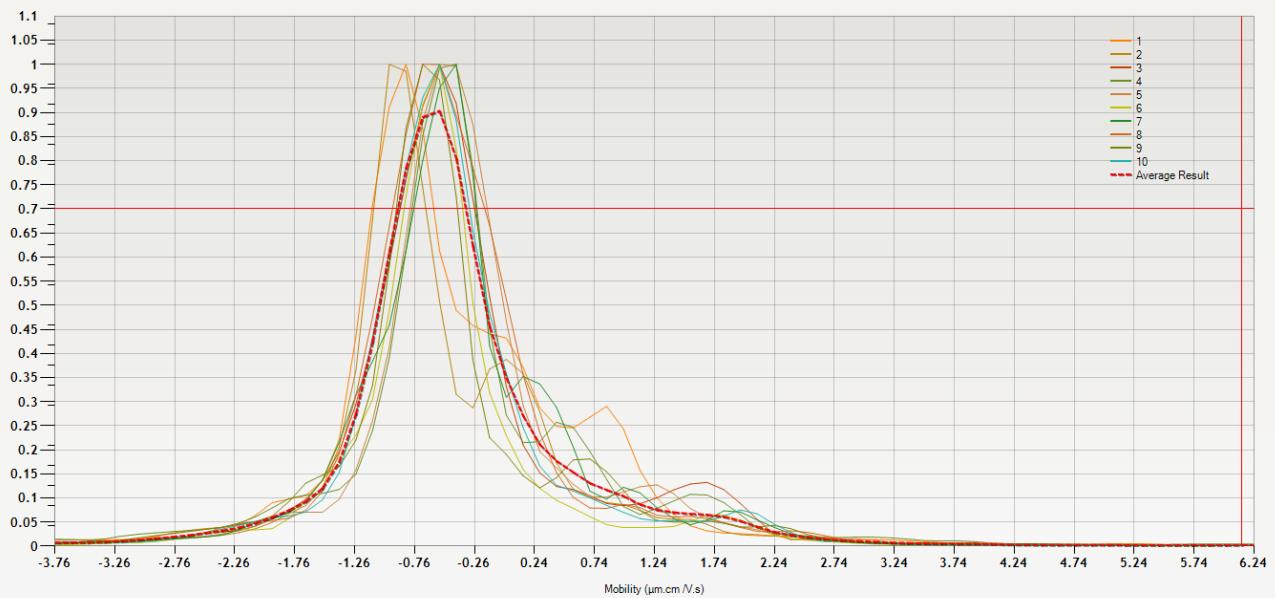
SOP

Name	: GNP10.3.16_0.8_20k0	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

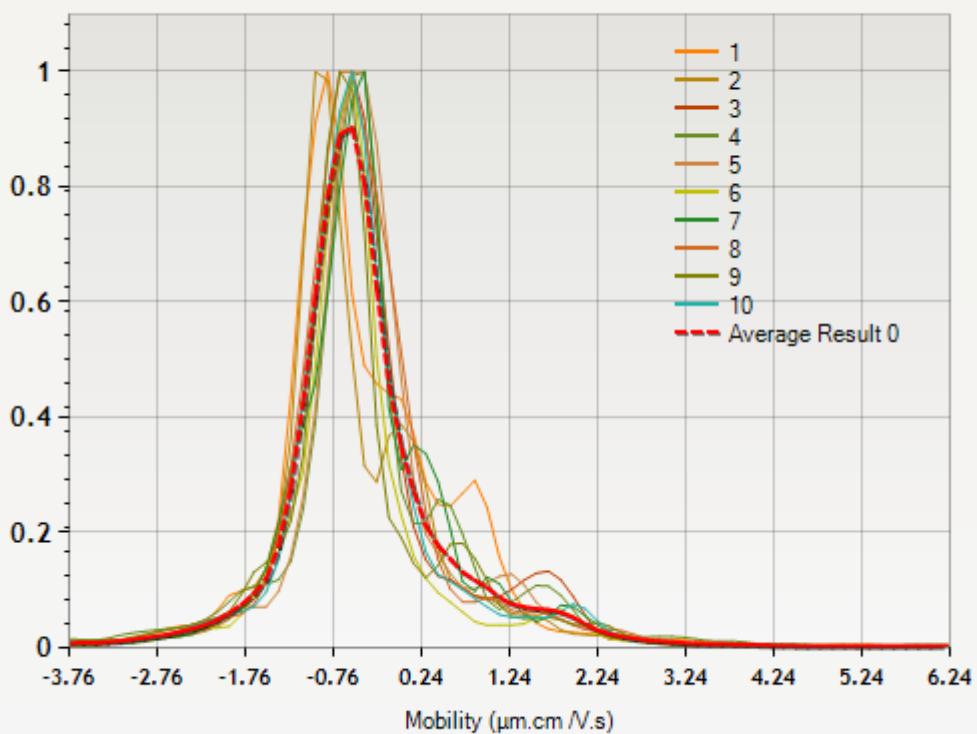
Mobility



Sequence

μ : -0.6 ($\mu\text{m.cm/V.s}$) s : 0.18 ζ : -7.71(mV) s : 2.27

10.03.2016 18:19

Temperature: 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.972 V**Applied field** : 19.05 V/cm**Reference intensity** : 1373 kcps**Scattering intensity** : 1231 kcps**Carrier frequency** : 8025 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		-0.6	-7.71	-0.61	0.42	-7.9	5.34
1		-0.84	-10.76	-0.77	0.47	-9.92	6.05
2		-0.98	-12.55	-0.85	0.37	-10.92	4.71
3		-0.56	-7.17	-0.58	0.44	-7.43	5.6
4		-0.42	-5.38	-0.51	0.39	-6.59	5.06
5		-0.42	-5.38	-0.47	0.43	-6.08	5.46
6		-0.56	-7.17	-0.61	0.35	-7.88	4.53
7		-0.42	-5.38	-0.52	0.44	-6.71	5.61
8		-0.7	-8.96	-0.56	0.49	-7.21	6.3
9		-0.56	-7.17	-0.67	0.36	-8.58	4.6
10		-0.56	-7.17	-0.59	0.43	-7.62	5.47