

Sample

Name : GNP10.3.16_1.24_20k
Mesured On : 10.03.2016 16:14
by : -- **logged as** : Admin
Comments from admin :

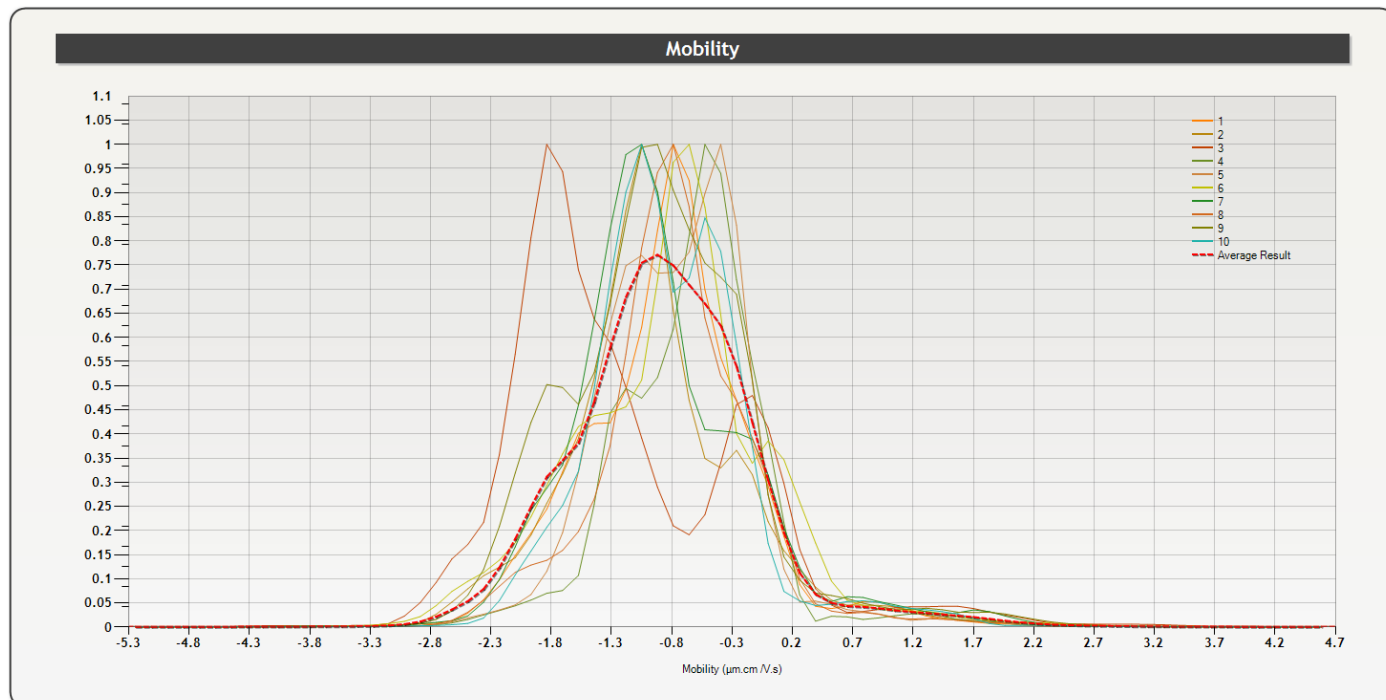
SOP

Name : Default	Resolution : MEDIUM
Laser Power : 60%	Electrode Distance : 5 mm
# Measure per sequence : 10	pH : unknown
	Temperature : 25.0 °C

Zeta potential calculation:

Solvent : Water
Dielectric Constant : 78.06

Henry function: Smoluchowski
Viscosity: 0.888 cP



Sequence $\langle \mu \rangle$: -0.94 ($\mu\text{m.cm/V.s}$) s : 0.38 $\langle z \rangle$: -12.13(mV) s : 4.87

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Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

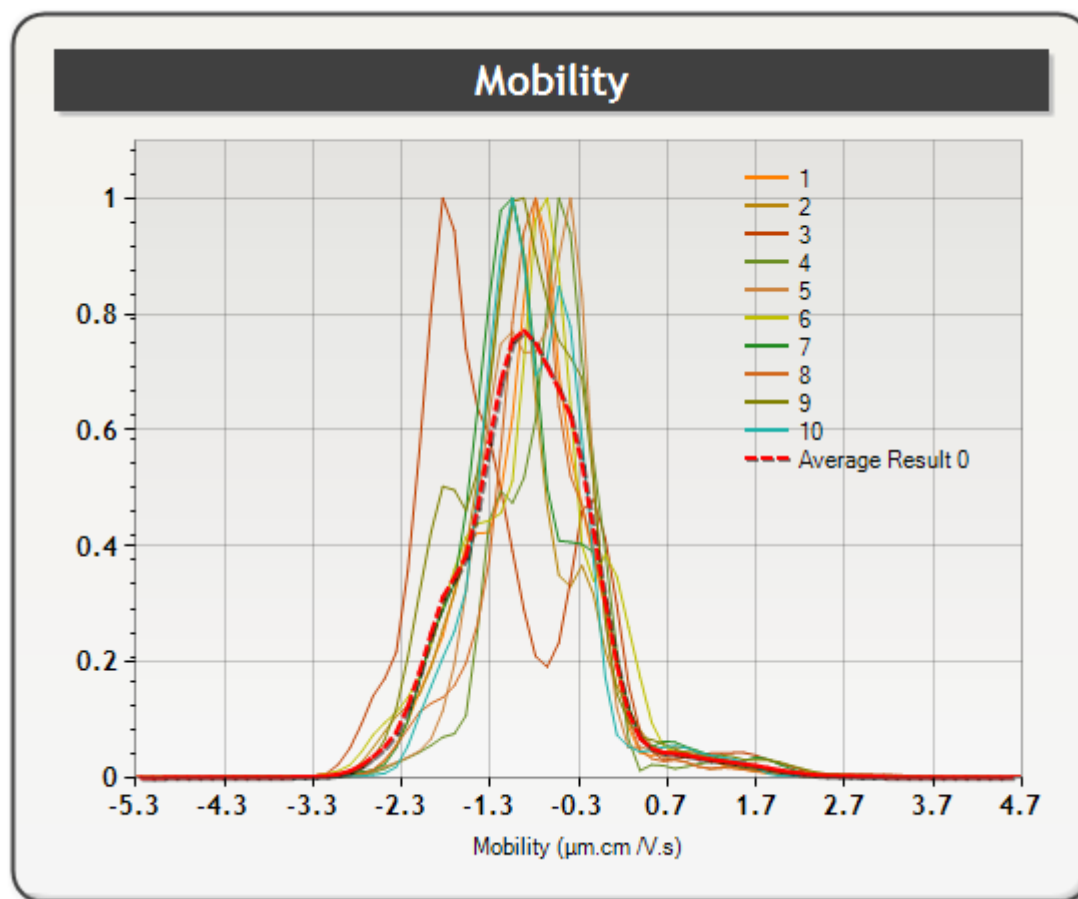
Conductivity indicator : 5.194 V

Applied field : 20.27 V/cm

Reference intensity : 597 kcps

Scattering intensity : 676 kcps

Carrier frequency : 8108 Hz

**Values**

		Raw		Fit			
#	Valid	μ ($\mu\text{m.cm/V.s}$)	z (mV)	μ ($\mu\text{m.cm/V.s}$)	s	z (mV)	s
Avg		-0.94	-12.13	-0.91	0.49	-11.72	6.24
1		-0.79	-10.11	-0.78	0.46	-9.98	5.88
2		-1.05	-13.48	-1.05	0.43	-13.45	5.53
3		-1.83	-23.59	-1.68	0.48	-21.62	6.14
4		-0.52	-6.74	-0.54	0.41	-6.95	5.29
5		-0.39	-5.05	-0.7	0.53	-9	6.76
6		-0.79	-10.11	-0.72	0.5	-9.26	6.38
7		-1.18	-15.16	-1.06	0.49	-13.64	6.26
8		-0.79	-10.11	-0.8	0.42	-10.24	5.45
9		-1.05	-13.48	-0.91	0.63	-11.64	8.05
10		-1.05	-13.48	-0.89	0.52	-11.43	6.7