

Sample

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

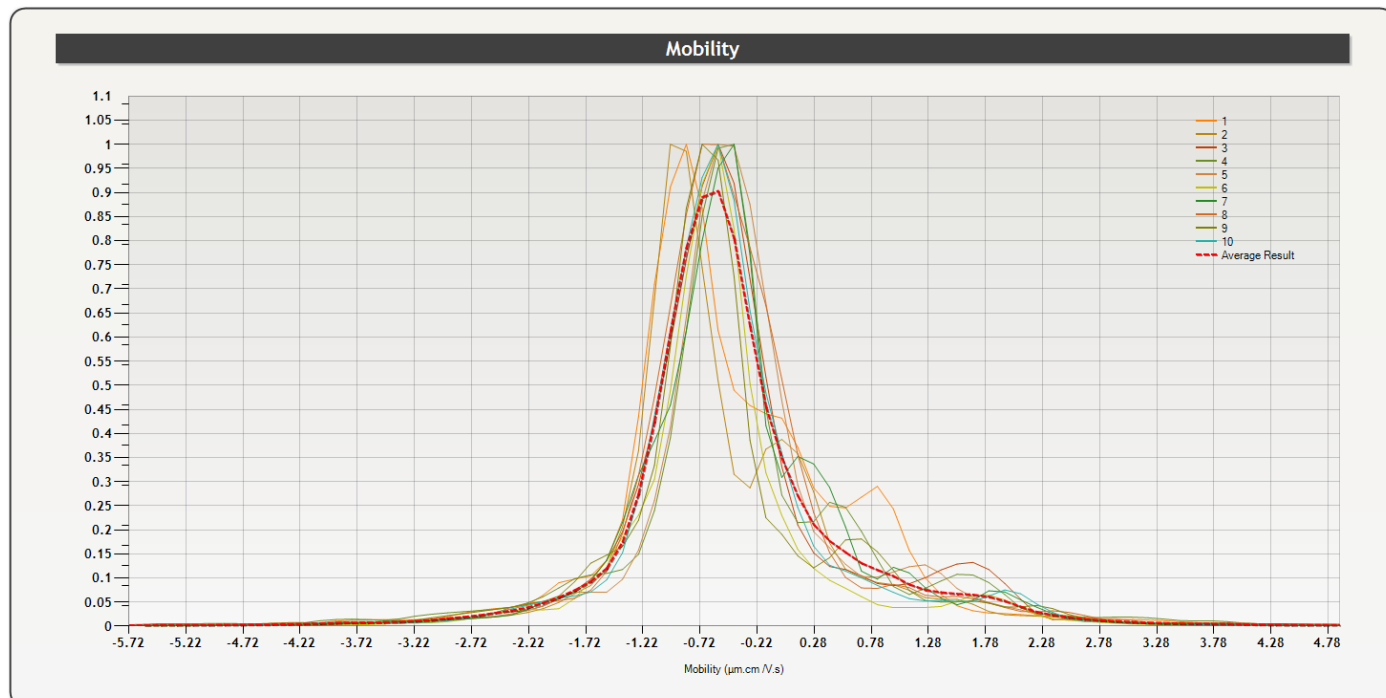
SOP

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:

Solvent : Water
Dielectric Constant : 78.06

Henry function: Smoluchowski
Viscosity: 0.888 cP



Sequence

<m>: -0.6 ($\mu\text{m.cm/V.s}$) S: 0.18 <Z>: -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

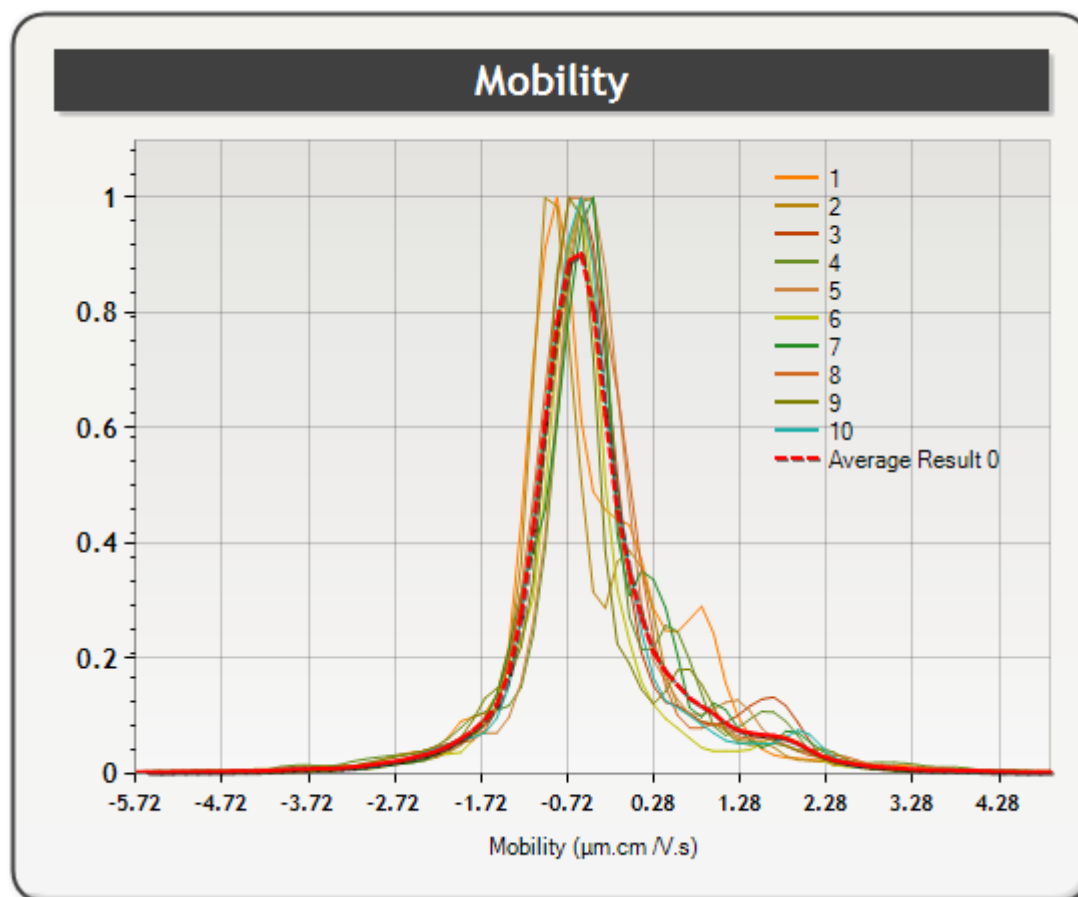
Conductivity indicator : 4.972 V

Applied field : 19.05 V/cm

Reference intensity : 1373 kcps

Scattering intensity : 1231 kcps

Carrier frequency : 8025 Hz



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	p	-0.84	-10.76	-0.77	0.47	-9.92	6.05
2	p	-0.98	-12.55	-0.85	0.37	-10.92	4.71
3	p	-0.56	-7.17	-0.58	0.44	-7.43	5.6
4	p	-0.42	-5.38	-0.51	0.39	-6.59	5.06
5	p	-0.42	-5.38	-0.47	0.43	-6.08	5.46
6	p	-0.56	-7.17	-0.61	0.35	-7.88	4.53
7	p	-0.42	-5.38	-0.52	0.44	-6.71	5.61
8	p	-0.7	-8.96	-0.56	0.49	-7.21	6.3
9	p	-0.56	-7.17	-0.67	0.36	-8.58	4.6
10	p	-0.56	-7.17	-0.59	0.43	-7.62	5.47