

Sample

Name : GNP10.3.16_2.5_1k_3
Mesured On : 14.03.2016 18:20
by : -- **logged as** : Admin
Comments from admin :

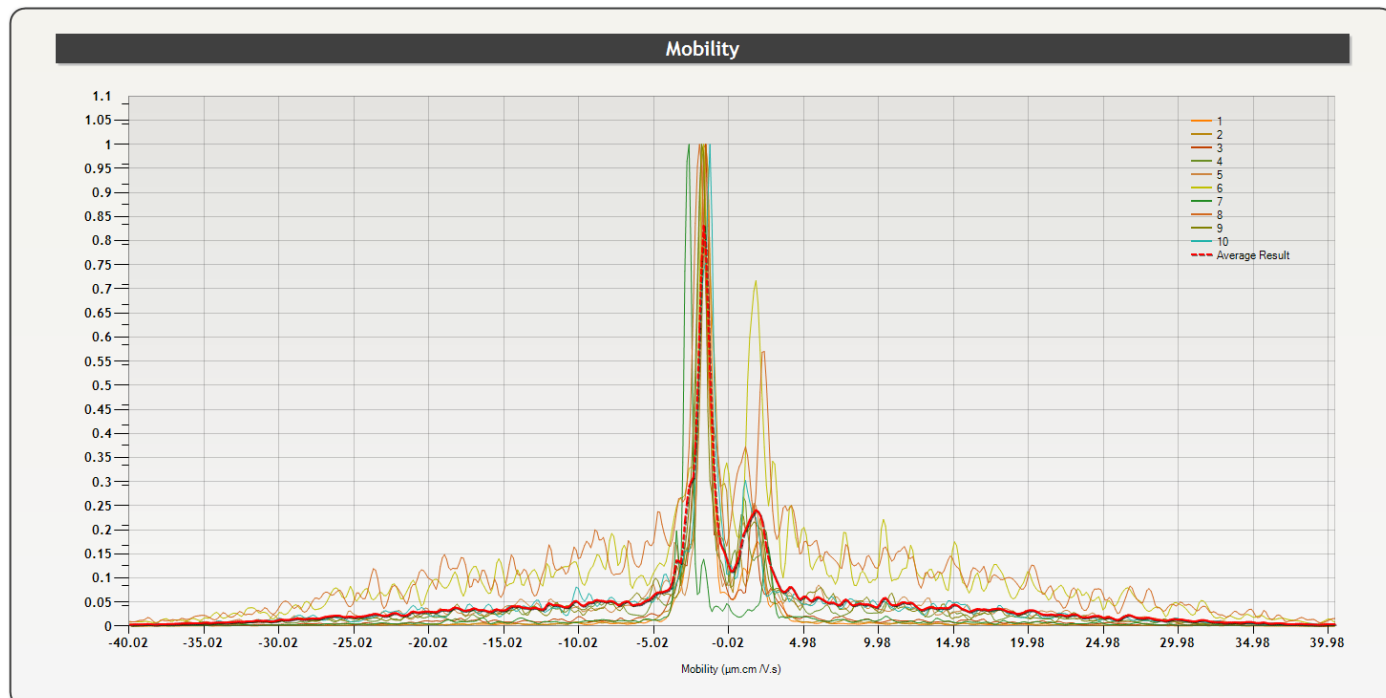
SOP

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

<m>: -1.76 ($\mu\text{m.cm/V.s}$) S: 0.35 <Z>: -22.59(mV) S: 4.48

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Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

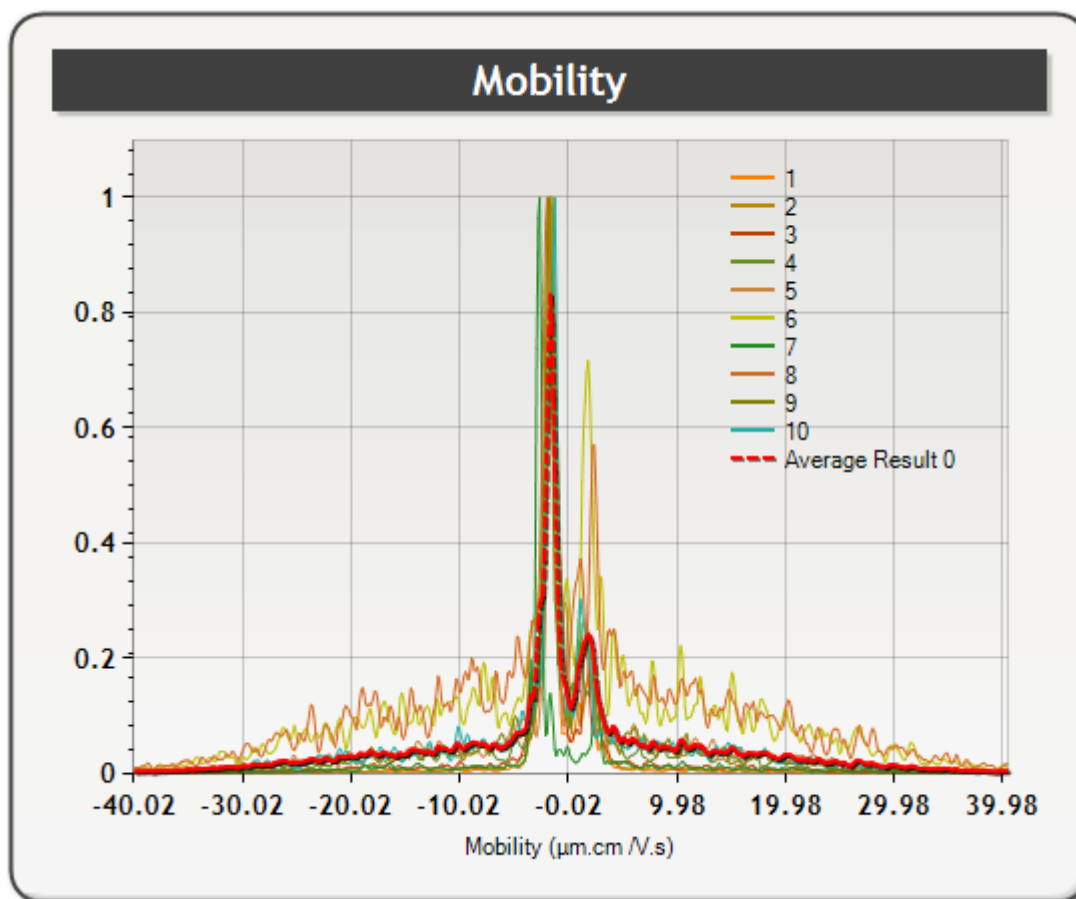
Conductivity indicator : 4.553 V

Applied field : 19.05 V/cm

Reference intensity : 402 kcps

Scattering intensity : 460 kcps

Carrier frequency : 8005 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		-1.76	-22.59	-1.74	0.56	-22.41	7.2
1	p	-1.53	-19.72	-1.54	0.44	-19.76	5.6
2	p	-1.53	-19.72	-1.42	0.54	-18.28	6.96
3	p	-1.67	-21.51	-1.63	-0.44	-20.89	-5.61
4	p	-1.81	-23.3	-1.74	-0.49	-22.4	-6.26
5	p	-1.67	-21.51	-1.64	-0.4	-21.09	-5.15
6	p	-1.81	-23.3	-1.66	-0.87	-21.38	-11.21
7	p	-2.65	-34.06	-2.72	0.28	-34.91	3.61
8	p	-1.95	-25.1	-1.85	-1.08	-23.76	-13.86
9	p	-1.67	-21.51	-1.81	-0.5	-23.33	-6.42
10	p	-1.25	-16.13	-1.42	-0.57	-18.25	-7.36