

Sample

Name : GNP10.3.16_2.5_20k
Mesured On : 10.03.2016 18:38
by : -- **logged as** : Admin
Comments from admin :

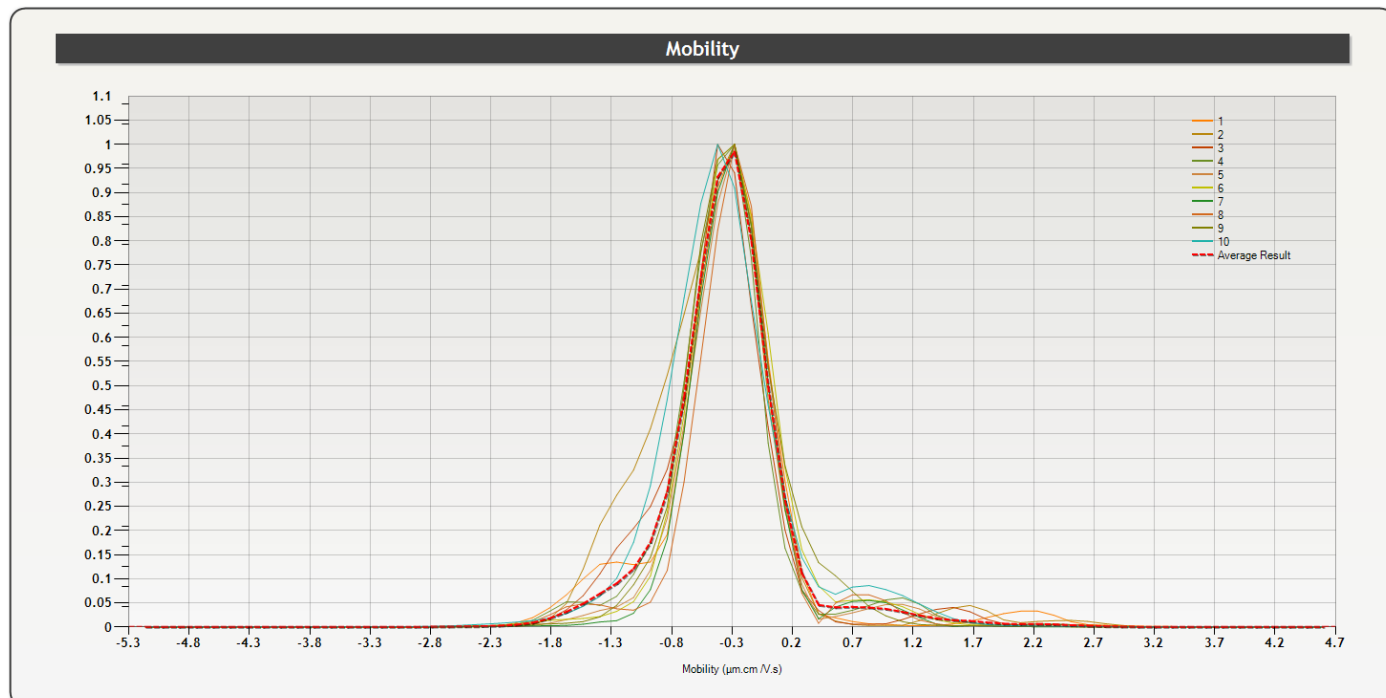
SOP

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>: -0.32 ($\mu\text{m.cm/V.s}$) S: 0.06 <Z>: -4.12(mV) S: 0.82

10.03.2016 18:41

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

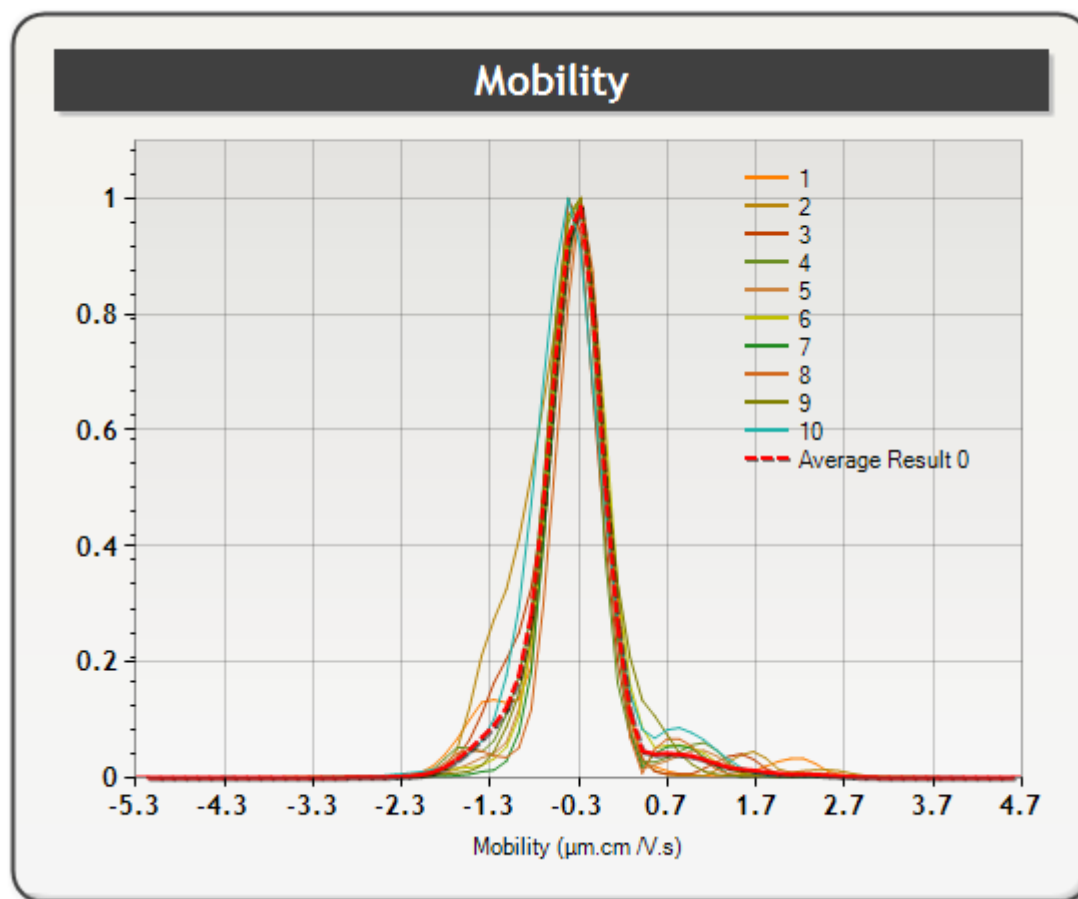
Conductivity indicator : 4.927 V

Applied field : 19.05 V/cm

Reference intensity : 906 kcps

Scattering intensity : 965 kcps

Carrier frequency : 8030 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		-0.32	-4.12	-0.35	0.31	-4.45	4.05
1	p	-0.28	-3.59	-0.31	0.31	-4.05	3.96
2	p	-0.28	-3.59	-0.42	0.38	-5.38	4.92
3	p	-0.42	-5.38	-0.38	0.31	-4.89	3.95
4	p	-0.28	-3.59	-0.37	0.3	-4.77	3.86
5	p	-0.28	-3.59	-0.32	0.29	-4.09	3.74
6	p	-0.42	-5.38	-0.31	0.32	-3.98	4.09
7	p	-0.28	-3.59	-0.32	0.28	-4.09	3.65
8	p	-0.28	-3.59	-0.28	0.27	-3.61	3.48
9	p	-0.28	-3.59	-0.33	0.33	-4.24	4.25
10	p	-0.42	-5.38	-0.42	0.36	-5.38	4.59