

Sample

Name : GNP17.3.16_2.5ml_1k_2
Mesured On : 17.03.2016 18:24
by : -- **logged as** : Admin
Comments from admin :

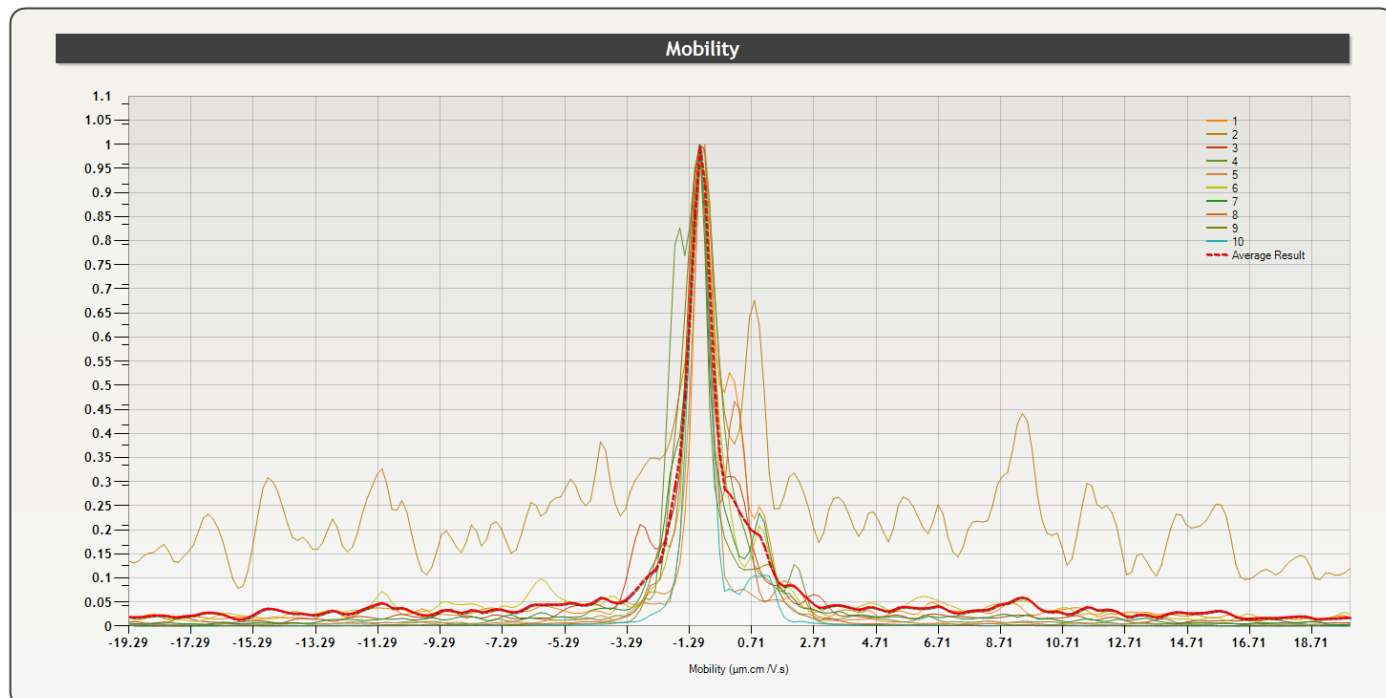
SOP

Name : Default	Resolution : MEDIUM
Laser Power : 65%	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>: -0.94 ($\mu\text{m.cm/V.s}$) S: 0.05 <Z>: -12.09(mV) S: 0.61

17.03.2016 18:28

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

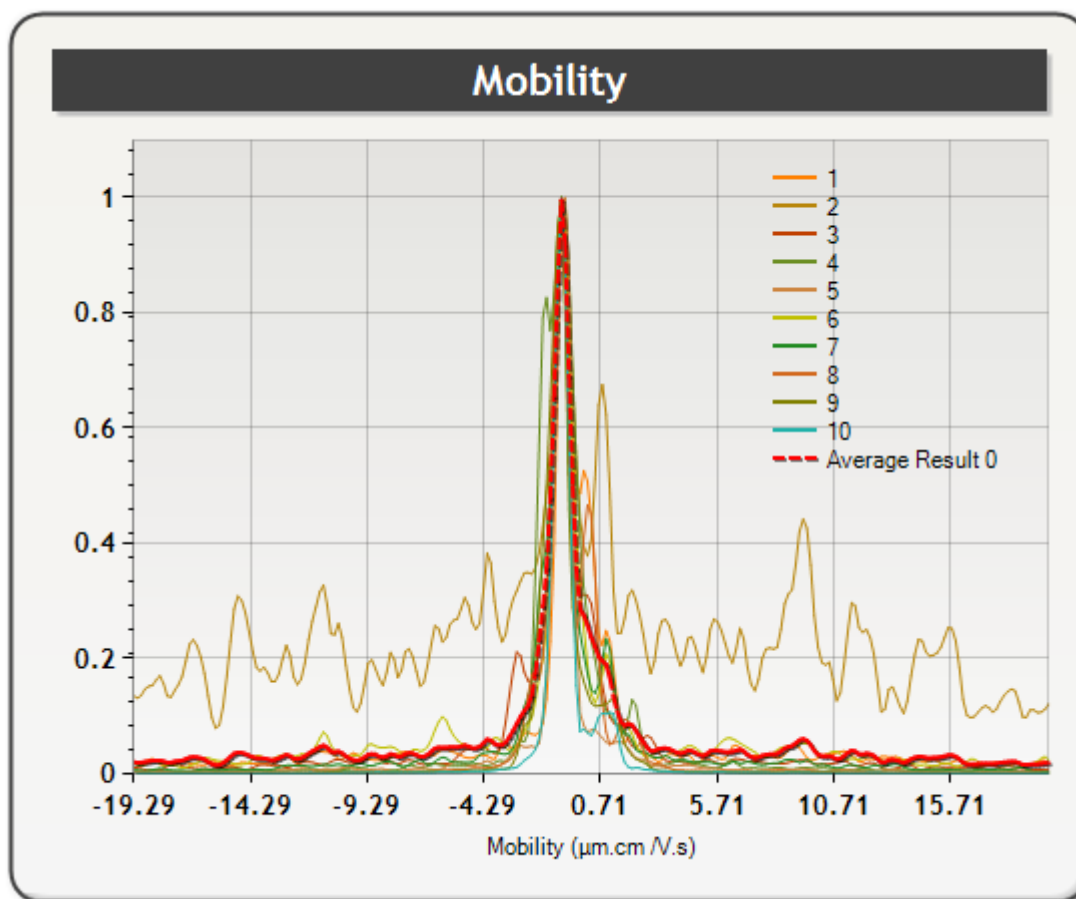
Conductivity indicator : 4.442 V

Applied field : 16.66 V/cm

Reference intensity : 142 kcps

Scattering intensity : 461 kcps

Carrier frequency : 8042 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		-0.94	-12.09	-0.91	0.67	-11.75	8.57
1	p	-0.96	-12.3	-0.7	-0.58	-8.99	-7.41
2	p	-0.96	-12.3	-0.67	-2.03	-8.65	-26.11
3	p	-0.96	-12.3	-0.97	-0.56	-12.41	-7.2
4	p	-0.8	-10.25	-1.04	0.76	-13.35	9.77
5	p	-0.96	-12.3	-0.85	0.38	-10.95	4.92
6	p	-0.96	-12.3	-0.9	-0.51	-11.54	-6.6
7	p	-0.96	-12.3	-1.01	0.5	-12.99	6.42
8	p	-0.96	-12.3	-0.95	0.51	-12.23	6.59
9	p	-0.96	-12.3	-1.09	0.48	-14.04	6.12
10	p	-0.96	-12.3	-0.96	0.35	-12.37	4.53