

Sample

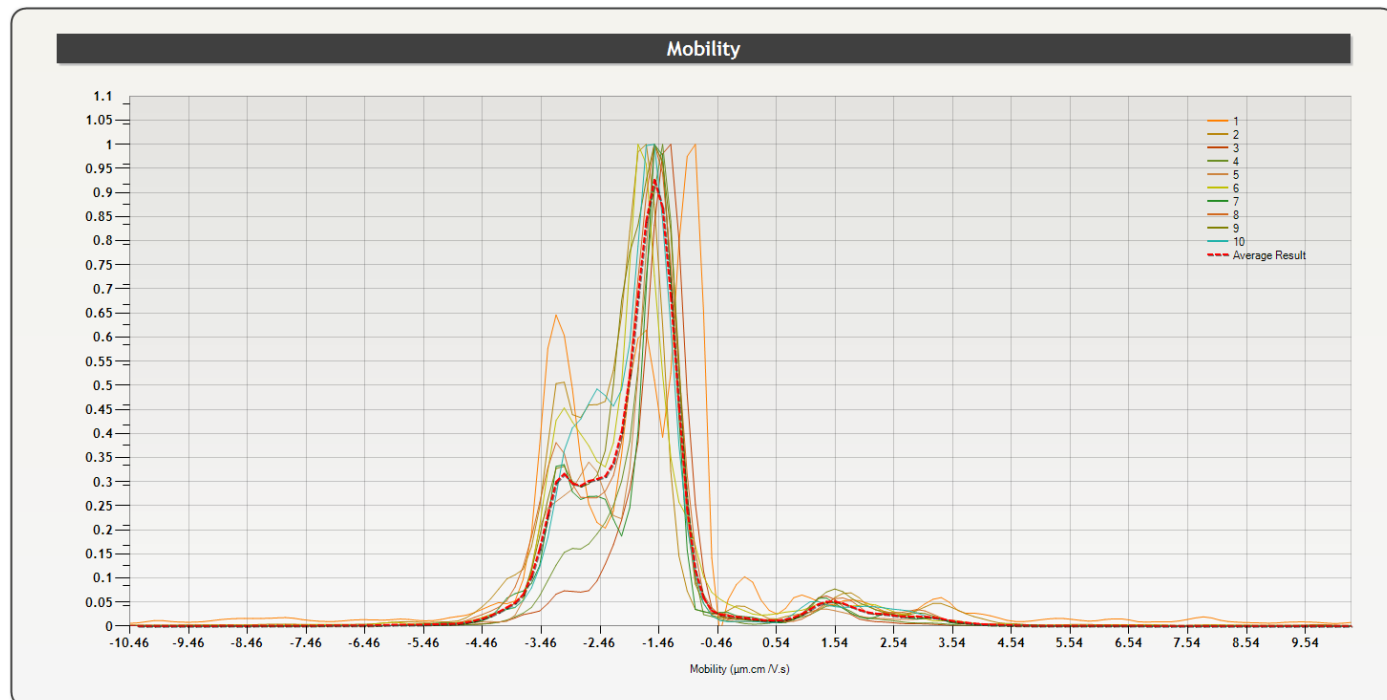
Name : GNP29/02/16_1.24
Mesured On : 29.02.2016 16:55
by : -- **logged as** : Admin
Comments from admin :

SOP

Name : GNP29/02/16_1.240 **Resolution** : MEDIUM
Laser Power : 60% **Electrode Distance** : 5 mm
Measure per sequence : 10 **pH** : unknown
Temperature : 25.0 °C

Zeta potential calculation:

Solvent : Water **Henry function:** Smoluchowski
Dielectric Constant : 78.06 **Viscosity:** 0.888 cP



Sequence

<m>: -1.56 ($\mu\text{m.cm/V.s}$) S: 0.17 <Z>: -20.12(mV) S: 2.2

29.02.2016 16:58

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

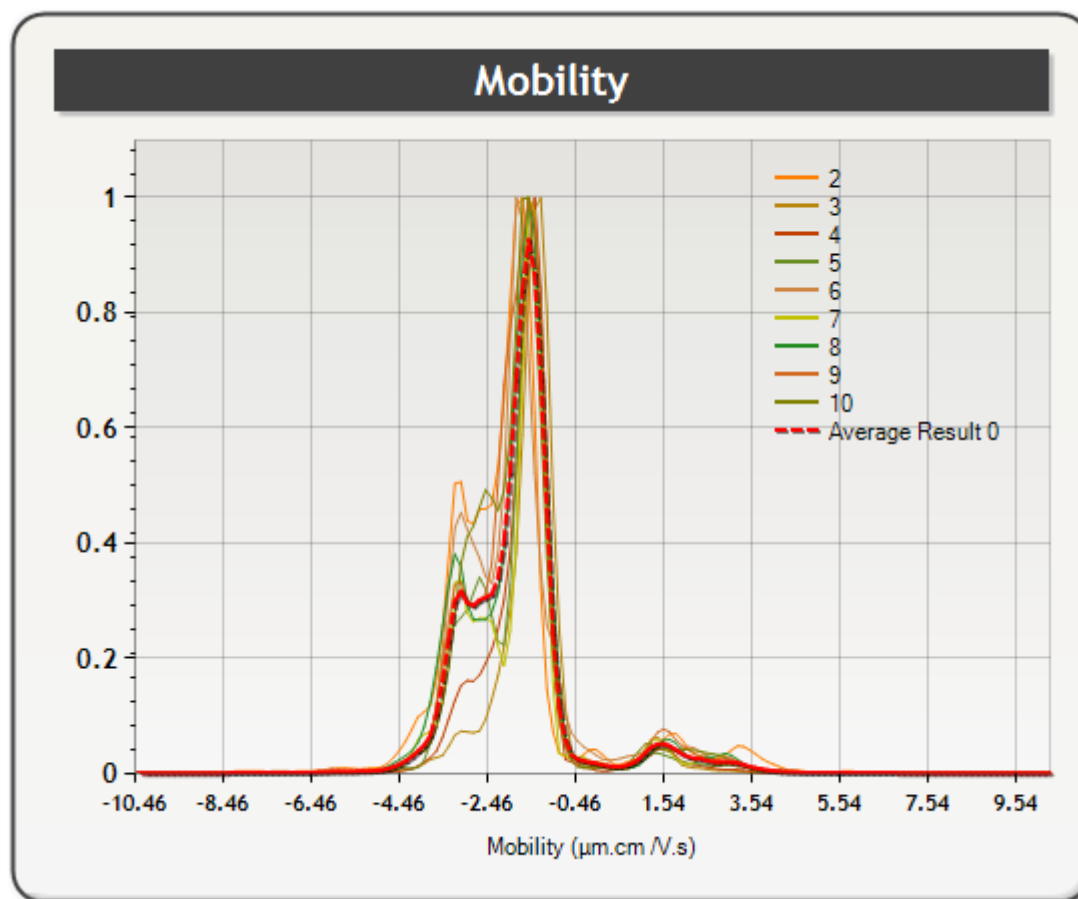
Conductivity indicator : 4.702 V

Applied field : 19.05 V/cm

Reference intensity : 763 kcps

Scattering intensity : 835 kcps

Carrier frequency : 8027 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		-1.56	-20.12	-1.61	0.44	-20.65	5.68
1	''	-0.84	-10.76	-1.18	-0.57	-15.2	-7.36
2	p	-1.81	-23.3	-1.88	0.56	-24.12	7.14
3	p	-1.25	-16.13	-1.36	0.36	-17.51	4.57
4	p	-1.39	-17.93	-1.48	0.36	-19.06	4.66
5	p	-1.53	-19.72	-1.51	0.37	-19.41	4.78
6	p	-1.81	-23.3	-1.79	0.47	-23.03	6.1
7	p	-1.53	-19.72	-1.48	0.33	-19.09	4.22
8	p	-1.53	-19.72	-1.57	0.46	-20.21	5.96
9	p	-1.53	-19.72	-1.68	0.54	-21.54	7
10	p	-1.67	-21.51	-1.7	0.52	-21.89	6.73