

Sample

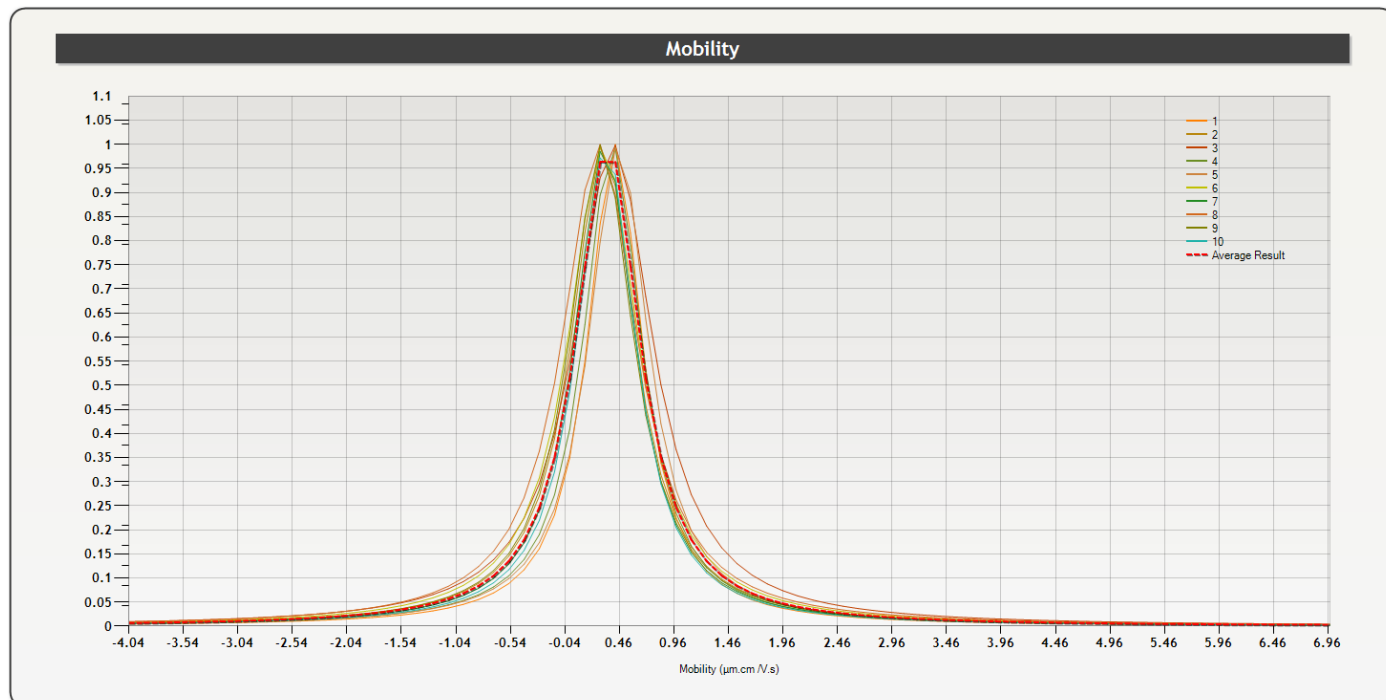
Name : GNP14.3.16_1.24_1k
Mesured On : 14.03.2016 16:58
by : -- **logged as** : Admin
Comments from admin :

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



Sequence

<m>: 0.38 ($\mu\text{m.cm/V.s}$) S: 0.09 <Z>: 4.84(mV) S: 1.15

14.03.2016 17:01

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

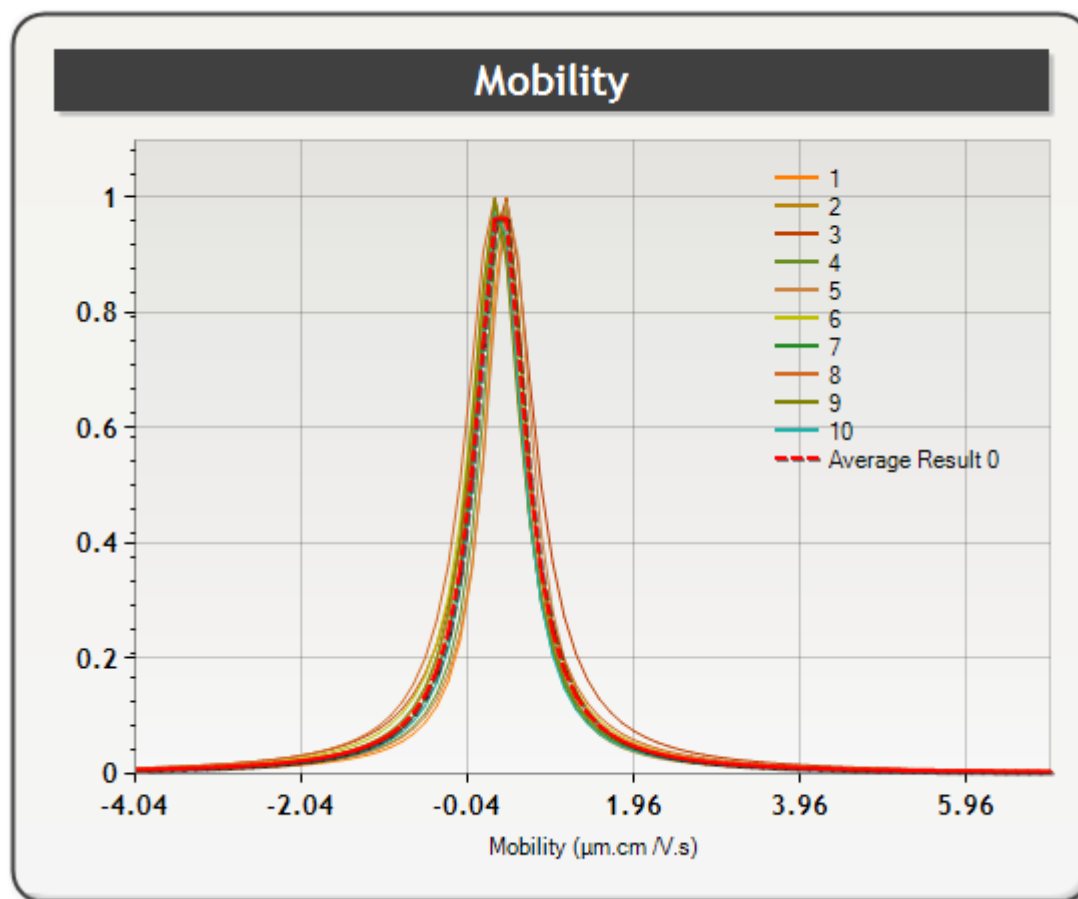
Conductivity indicator : 4.838 V

Applied field : 19.05 V/cm

Reference intensity : 426 kcps

Scattering intensity : 2028 kcps

Carrier frequency : 8008 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		0.38	4.84	0.35	0.36	4.48	4.61
1	p	0.42	5.38	0.41	0.3	5.32	3.9
2	p	0.28	3.59	0.31	0.36	3.97	4.6
3	p	0.56	7.17	0.4	0.44	5.13	5.65
4	p	0.42	5.38	0.39	0.32	5.02	4.17
5	p	0.42	5.38	0.45	0.33	5.74	4.27
6	p	0.28	3.59	0.31	0.39	3.94	5.02
7	p	0.28	3.59	0.32	0.34	4.12	4.35
8	p	0.28	3.59	0.27	0.42	3.53	5.38
9	p	0.42	5.38	0.29	0.36	3.75	4.6
10	p	0.42	5.38	0.33	0.33	4.3	4.18