

Sample

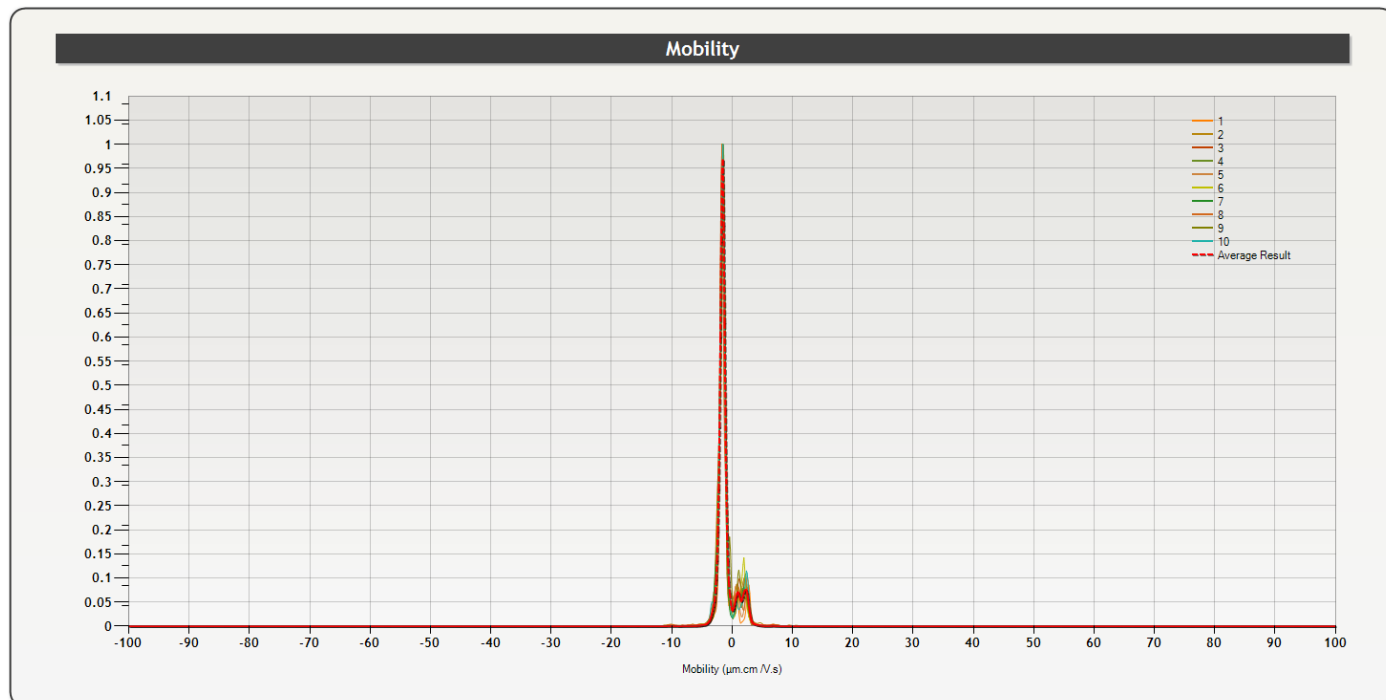
Name : GNP10.3.16_2.5_1k_2
Mesured On : 14.03.2016 18:06
by : -- **logged as** : Admin
Comments from admin :

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>: -1.56 ($\mu\text{m.cm/V.s}$) S: 0.06 <Z>: -20.08(mV) S: 0.72

14.03.2016 18:09

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

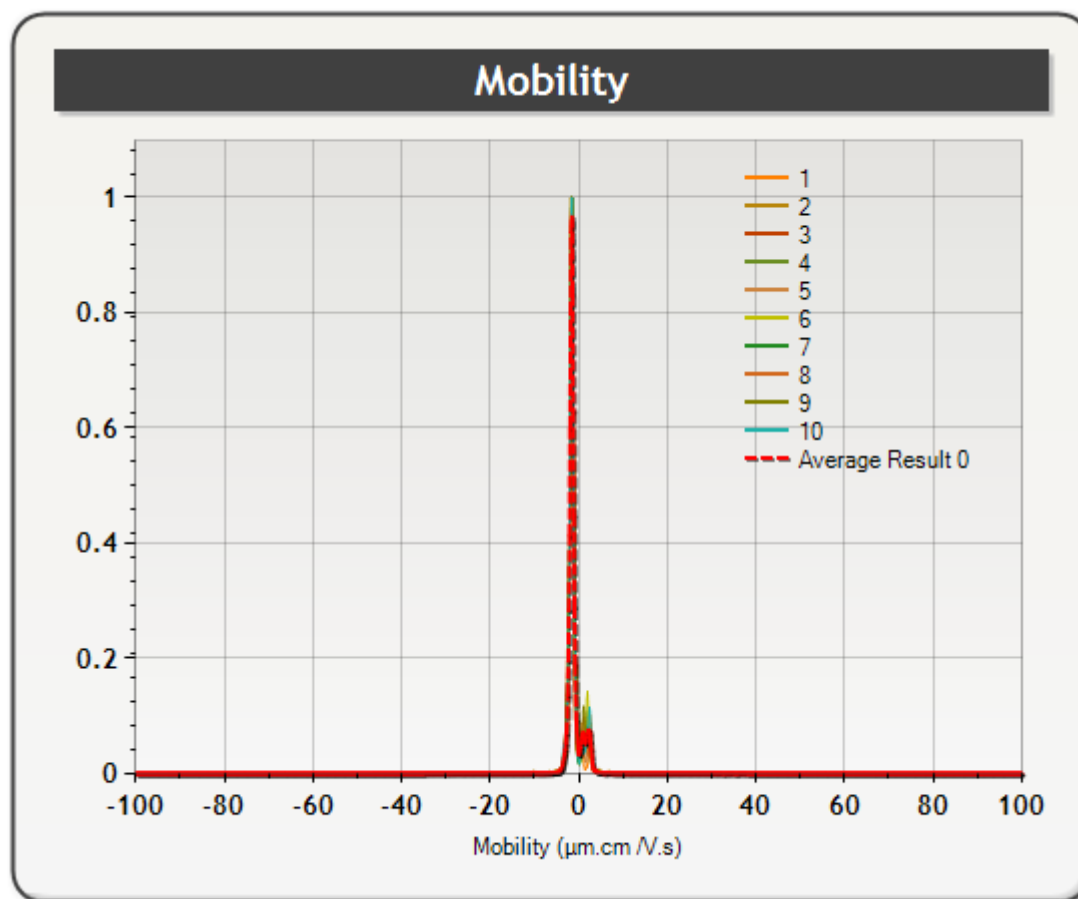
Conductivity indicator : 4.599 V

Applied field : 19.05 V/cm

Reference intensity : 399 kcps

Scattering intensity : 716 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		-1.56	-20.08	-1.59	0.4	-20.46	5.18
1	p	-1.53	-19.72	-1.56	0.38	-20.05	4.84
2	p	-1.53	-19.72	-1.6	0.44	-20.54	5.66
3	p	-1.53	-19.72	-1.51	0.43	-19.46	5.54
4	p	-1.53	-19.72	-1.6	0.38	-20.58	4.85
5	p	-1.53	-19.72	-1.56	0.4	-20.11	5.15
6	p	-1.67	-21.51	-1.68	0.37	-21.65	4.79
7	p	-1.53	-19.72	-1.59	0.43	-20.45	5.58
8	p	-1.67	-21.51	-1.7	0.37	-21.83	4.72
9	p	-1.53	-19.72	-1.51	0.42	-19.37	5.43
10	p	-1.53	-19.72	-1.6	0.41	-20.57	5.27