

## Sample

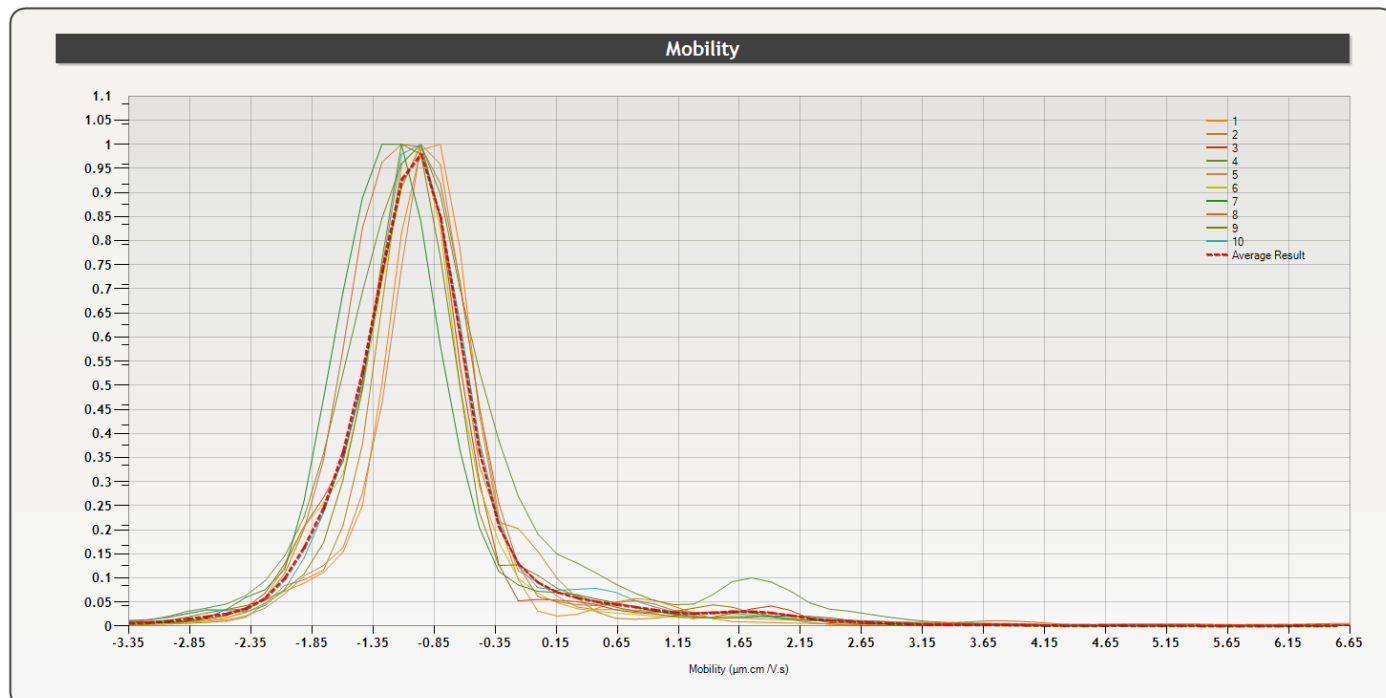
**Name** : GNP17.3.16\_2.5ml\_1k  
**Mesured On** : 17.03.2016 18:04  
**by** : -- **logged as** : Admin  
**Comments from admin** :

## SOP

<b>Name</b>	: Default	<b>Resolution</b>	: MEDIUM
<b>Laser Power</b>	: 60%	<b>Electrode Distance</b>	: 5 mm
<b># Measure per sequence</b>	: 10	<b>pH</b>	: unknown
		<b>Temperature</b>	: 25.0 °C

### Zeta potential calculation:

<b>Solvent</b>	: Water	<b>Henry function:</b>	Smoluchowski
<b>Dielectric Constant</b>	: 78.06	<b>Viscosity:</b>	0.888 cP



## Sequence

<m>: -1.02 ( $\mu\text{m.cm/V.s}$ ) S: 0.11 <Z>: -13.12(mV) S: 1.36

17.03.2016 18:07

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

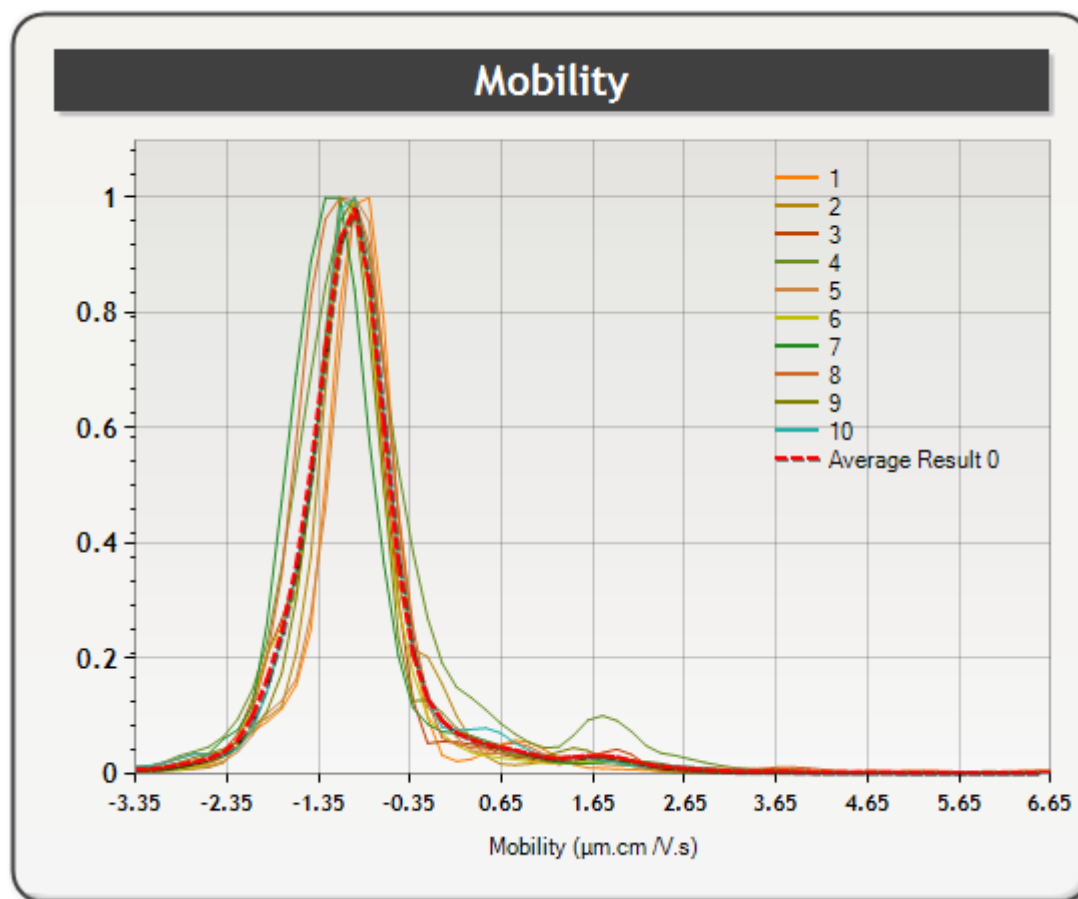
Conductivity indicator : 4.415 V

Applied field : 16.66 V/cm

Reference intensity : 234 kcps

Scattering intensity : 260 kcps

Carrier frequency : 8098 Hz



## Values

		Raw		Fit			
#	Valid	$\mu$ ( $\mu\text{m.cm/V.s}$ )	Z (mV)	$\mu$ ( $\mu\text{m.cm/V.s}$ )	S	Z (mV)	S
Avg		-1.02	-13.12	-1.02	0.41	-13.08	5.29
1	p	-0.8	-10.25	-0.89	0.35	-11.47	4.56
2	p	-1.12	-14.35	-0.97	0.37	-12.51	4.8
3	p	-0.96	-12.3	-1.03	0.39	-13.23	5.02
4	p	-0.96	-12.3	-1.02	0.54	-13.06	6.9
5	p	-0.96	-12.3	-0.89	0.35	-11.43	4.52
6	p	-0.96	-12.3	-1.03	0.38	-13.22	4.92
7	p	-1.12	-14.35	-1.22	0.44	-15.74	5.65
8	p	-1.12	-14.35	-1.07	0.5	-13.81	6.41
9	p	-1.12	-14.35	-1.04	0.37	-13.39	4.78
10	p	-1.12	-14.35	-1	0.42	-12.91	5.34