

## Sample

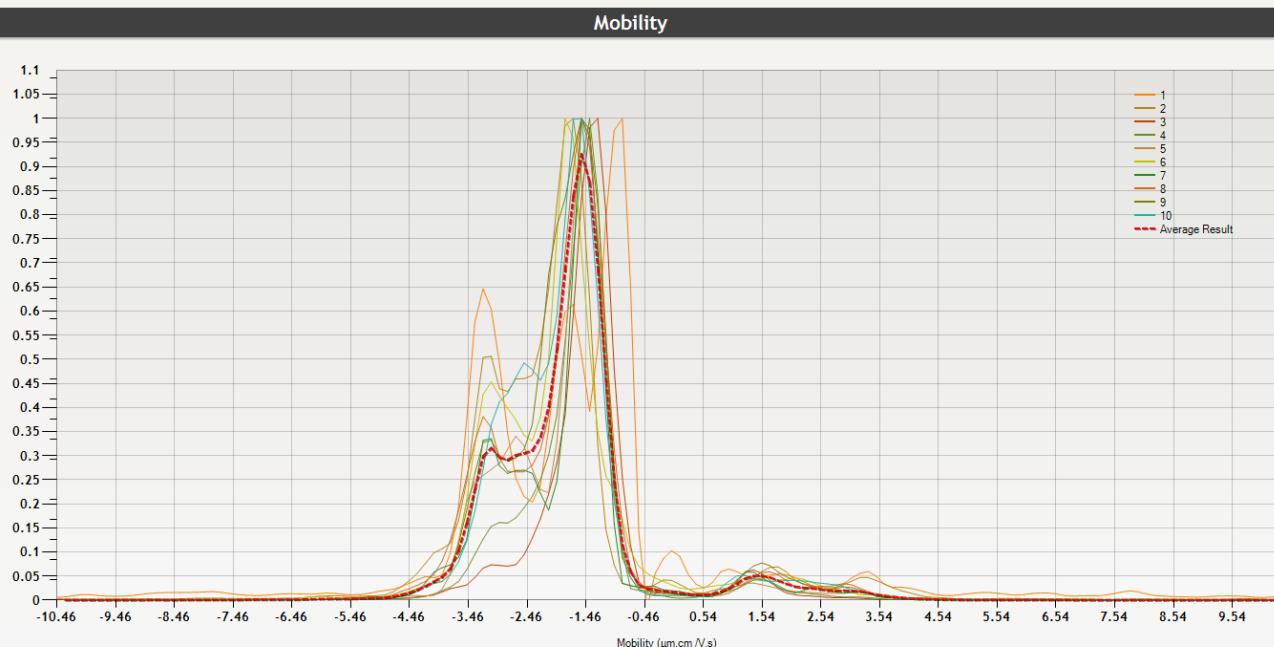
**Name** : GNP29/02/16\_1.24  
**Mesured On** : 29.02.2016 16:55  
**by** : -- **logged as** : Admin  
**Comments from admin** :

## SOP

<b>Name</b>	: GNP29/02/16_1.240	<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>Solvant</b>	: Water	<b>Henry function:</b> Smoluchowski
<b>Dielectric Constant</b> : 78.06		<b>Viscosity:</b> 0.888 cP



**Sequence**

$\langle m \rangle$ : -1.56 ( $\mu\text{m.cm/V.s}$ ) S: 0.17  $\langle z \rangle$ : -20.12(mV) S: 2.2

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**Temperature:** 25.0 °C    **pH** : unknown

**Dielectric Constante** : 78.06

**Viscosity** : 0.888 cP

**Conductivity indicator** : 4.702 V

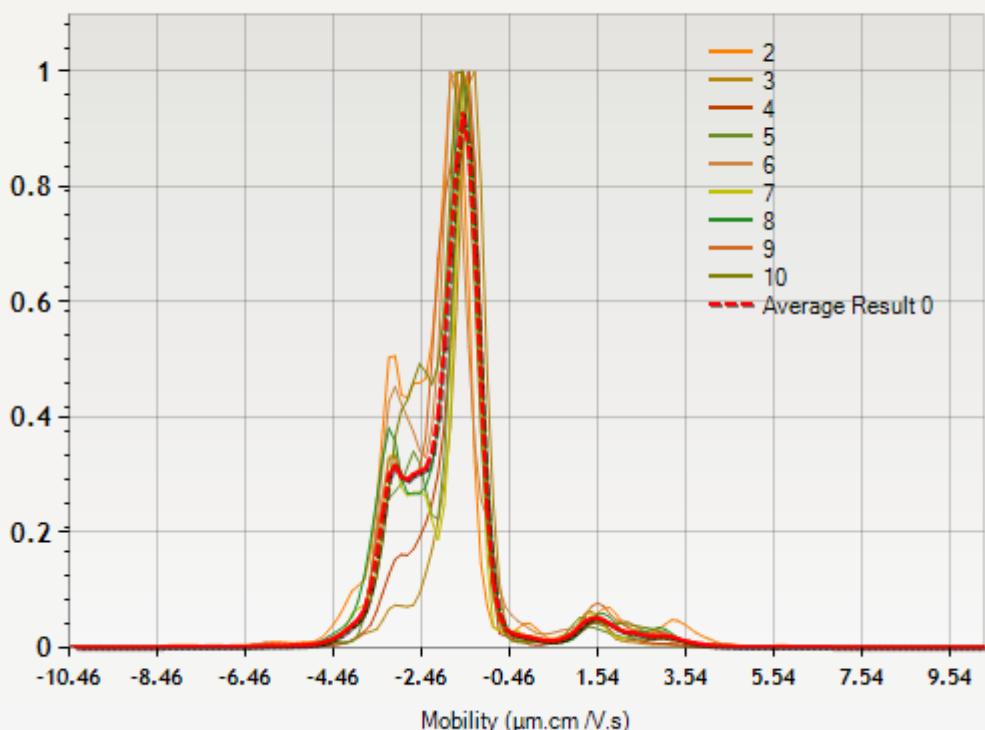
**Applied field** : 19.05 V/cm

**Reference intensity** : 763 kcps

**Scattering intensity** : 835 kcps

**Carrier frequency** : 8027 Hz

### Mobility



### Values

#	Valid	Raw		Fit			
		$\mu$ ( $\mu\text{m.cm/V.s}$ )	Z (mV)	$\mu$ ( $\mu\text{m.cm/V.s}$ )	S	Z (mV)	S
Avg	..	-1.56	-20.12	-1.61	0.44	-20.65	5.68
1	b	-0.84	-10.76	-1.18	-0.57	-15.2	-7.36
2	b	-1.81	-23.3	-1.88	0.56	-24.12	7.14
3	b	-1.25	-16.13	-1.36	0.36	-17.51	4.57
4	b	-1.39	-17.93	-1.48	0.36	-19.06	4.66
5	b	-1.53	-19.72	-1.51	0.37	-19.41	4.78
6	b	-1.81	-23.3	-1.79	0.47	-23.03	6.1
7	b	-1.53	-19.72	-1.48	0.33	-19.09	4.22
8	b	-1.53	-19.72	-1.57	0.46	-20.21	5.96
9	b	-1.53	-19.72	-1.68	0.54	-21.54	7
10	b	-1.67	-21.51	-1.7	0.52	-21.89	6.73