

## Sample

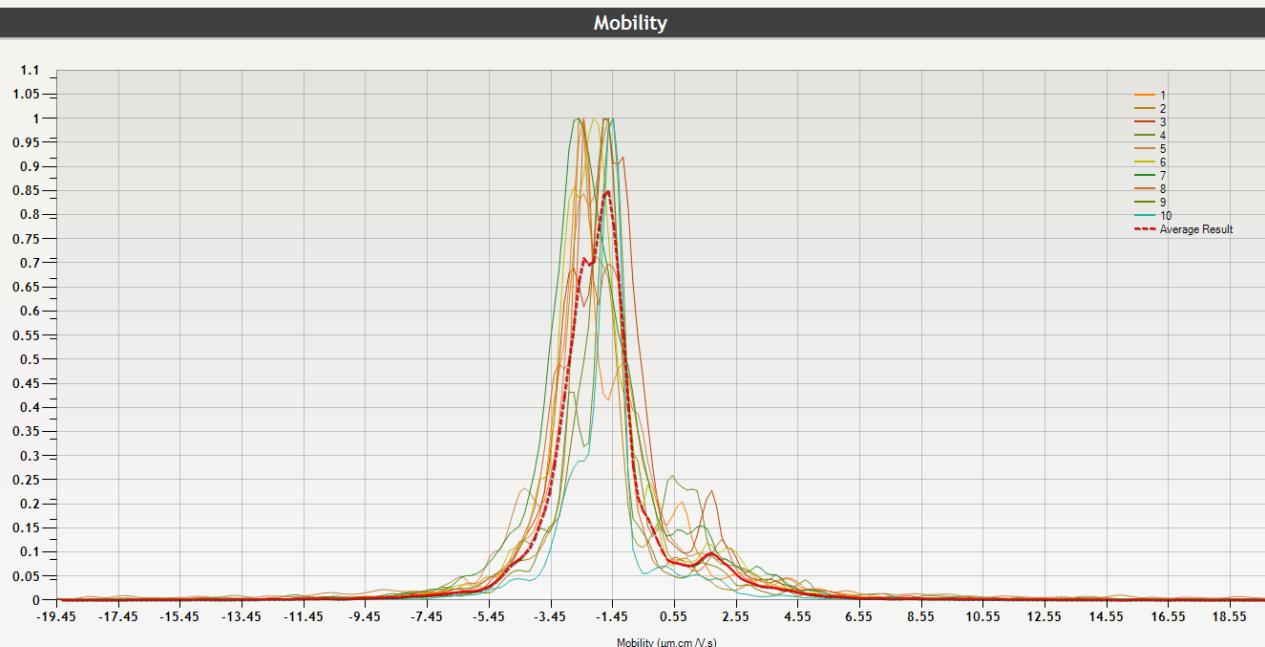
**Name** : GNP29/02/16\_0.8  
**Mesured On** : 29.02.2016 17:09  
**by** : -- **logged as** : Admin  
**Comments from admin** :

## SOP

<b>Name</b>	: GNP29/02/16_1.241	<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:

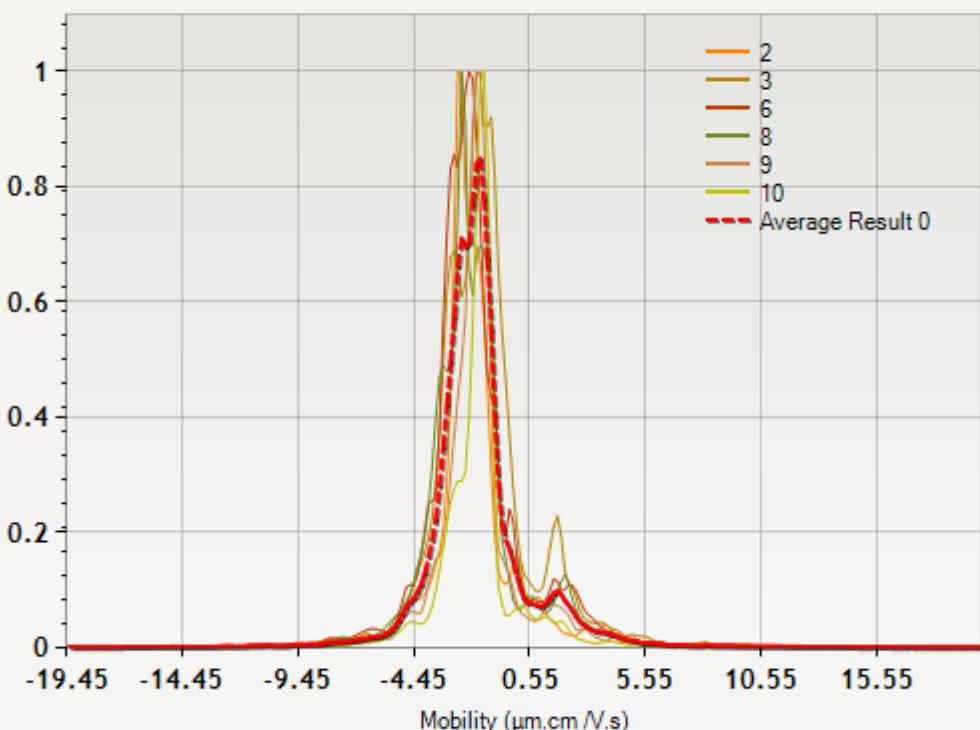
<b>Solvant</b>	: Water	<b>Henry function:</b> Smoluchowski
<b>Dielectric Constant</b> : 78.06		<b>Viscosity:</b> 0.888 cP



**Sequence**

$\langle m \rangle$ : -1.97 ( $\mu\text{m.cm/V.s}$ ) S: 0.38  $\langle Z \rangle$ : -25.28(mV) S: 4.83

29.02.2016 17:12

**Temperature:** 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.484 V**Applied field** : 16.66 V/cm**Reference intensity** : 1966 kcps**Scattering intensity** : 2075 kcps**Carrier frequency** : 8037 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		-1.97	-25.28	-1.92	0.79	-24.7	10.11
1	..	-2.39	-30.75	-2.38	0.83	-30.64	10.62
2	b	-2.55	-32.8	-2.2	0.67	-28.33	8.68
3	b	-1.75	-22.55	-1.67	-1.12	-21.48	-14.42
4	..	-1.59	-20.5	-1.54	-0.69	-19.81	-8.82
5	..	-1.59	-20.5	-1.97	-1.02	-25.27	-13.12
6	b	-1.91	-24.6	-2.2	0.97	-28.32	12.42
7	..	-2.55	-32.8	-2.37	-1.14	-30.43	-14.6
8	b	-2.39	-30.75	-2.16	0.88	-27.74	11.35
9	b	-1.59	-20.5	-1.75	0.61	-22.48	7.89
10	b	-1.59	-20.5	-1.55	0.46	-19.86	5.93