

## Sample

**Name** : GNP10.3.16\_2.5\_1k\_2  
**Mesured On** : 14.03.2016 18:06  
**by** : -- **logged as** : Admin  
**Comments from admin** :

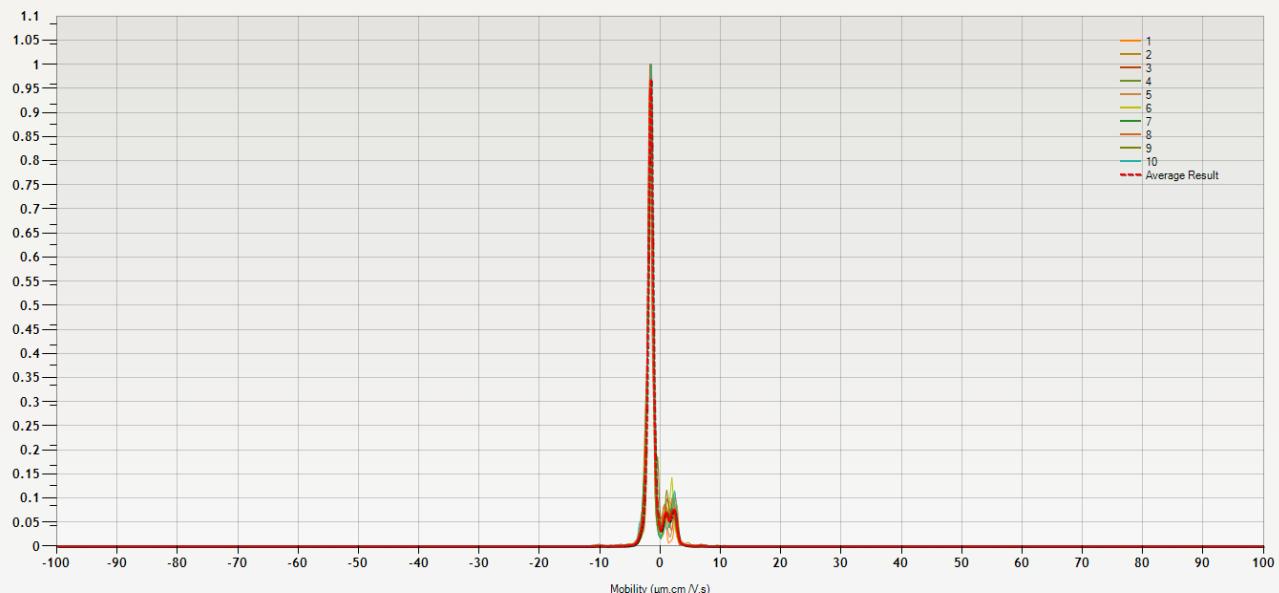
## SOP

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

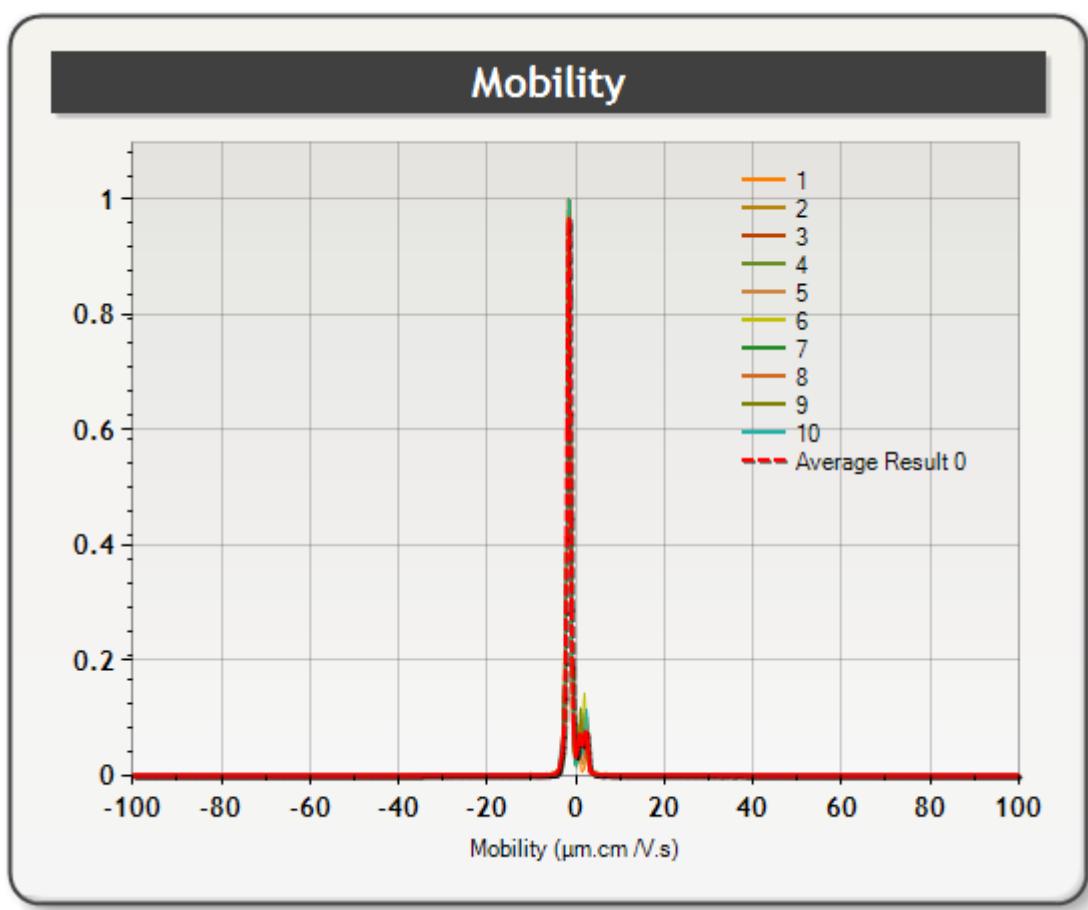
Mobility



**Sequence**

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

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**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			
		$\mu$ ( $\mu\text{m.cm/V.s}$ )	Z (mV)	$\mu$ ( $\mu\text{m.cm/V.s}$ )	S	Z (mV)	S
Avg		-1.56	-20.08	-1.59	0.4	-20.46	5.18
1	þ	-1.53	-19.72	-1.56	0.38	-20.05	4.84
2	þ	-1.53	-19.72	-1.6	0.44	-20.54	5.66
3	þ	-1.53	-19.72	-1.51	0.43	-19.46	5.54
4	þ	-1.53	-19.72	-1.6	0.38	-20.58	4.85
5	þ	-1.53	-19.72	-1.56	0.4	-20.11	5.15
6	þ	-1.67	-21.51	-1.68	0.37	-21.65	4.79
7	þ	-1.53	-19.72	-1.59	0.43	-20.45	5.58
8	þ	-1.67	-21.51	-1.7	0.37	-21.83	4.72
9	þ	-1.53	-19.72	-1.51	0.42	-19.37	5.43
10	þ	-1.53	-19.72	-1.6	0.41	-20.57	5.27