

## Sample

**Name** : GNP10.3.16\_2.5\_1k  
**Mesured On** : 14.03.2016 17:50  
**by** : -- **logged as** : Admin  
**Comments from admin** :

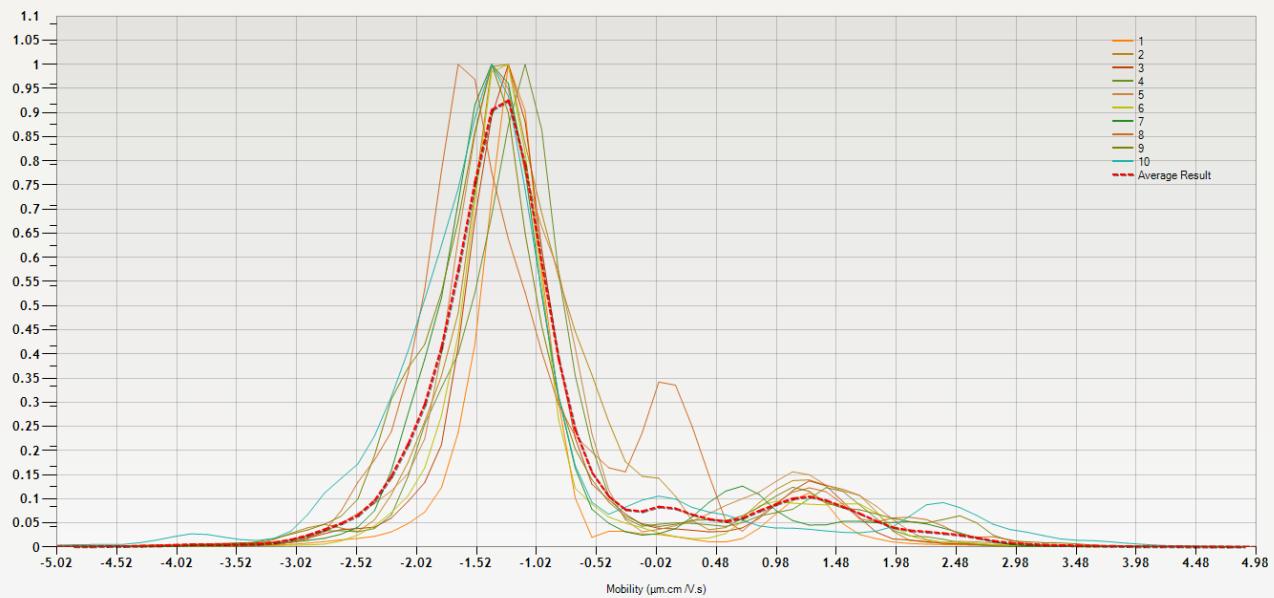
## SOP

<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

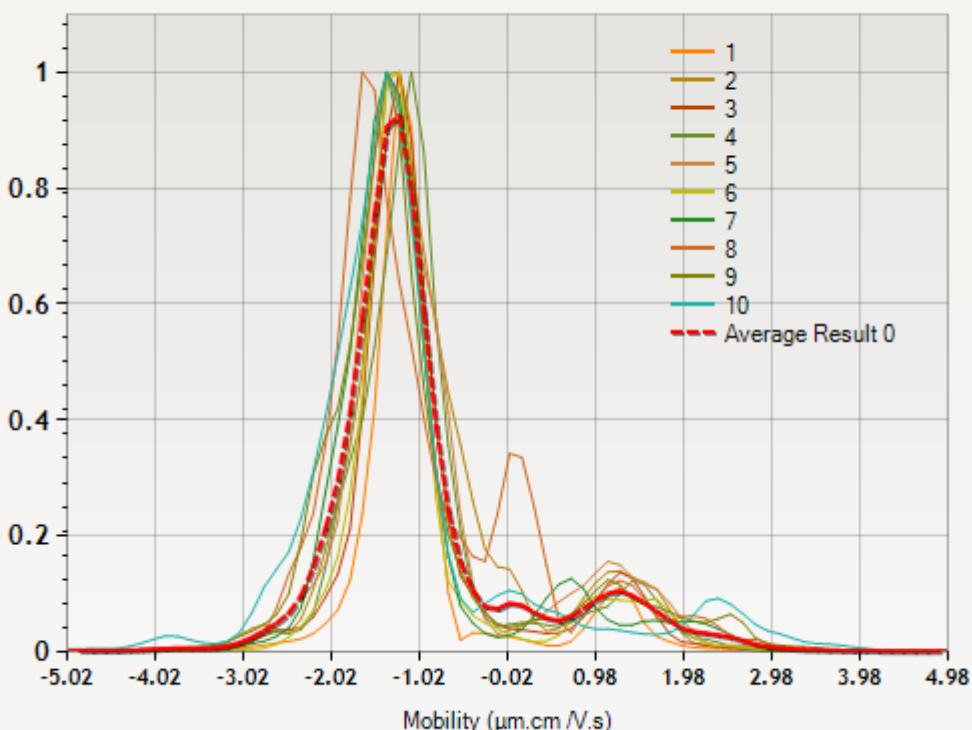
Mobility



**Sequence**

$\langle m \rangle$ : -1.35 ( $\mu\text{m.cm/V.s}$ ) S: 0.14  $\langle z \rangle$ : -17.39(mV) S: 1.8

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**Temperature:** 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.574 V**Applied field** : 19.05 V/cm**Reference intensity** : 312 kcps**Scattering intensity** : 529 kcps**Carrier frequency** : 8010 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		-1.35	-17.39	-1.33	0.39	-17.11	4.99
1	þ	-1.25	-16.13	-1.22	0.26	-15.72	3.35
2	þ	-1.39	-17.93	-1.24	0.44	-15.96	5.71
3	þ	-1.25	-16.13	-1.26	0.33	-16.23	4.3
4	þ	-1.12	-14.34	-1.17	0.37	-15.06	4.77
5	þ	-1.39	-17.93	-1.3	0.43	-16.72	5.48
6	þ	-1.39	-17.93	-1.31	0.32	-16.78	4.11
7	þ	-1.25	-16.13	-1.39	0.4	-17.91	5.11
8	þ	-1.67	-21.51	-1.54	0.45	-19.84	5.81
9	þ	-1.39	-17.93	-1.42	0.42	-18.3	5.36
10	þ	-1.39	-17.93	-1.44	0.46	-18.55	5.95