

## Sample

**Name** : GNP10.3.16\_0.8\_20k  
**Mesured On** : 10.03.2016 18:16  
**by** : -- **logged as** : Admin  
**Comments from admin** :

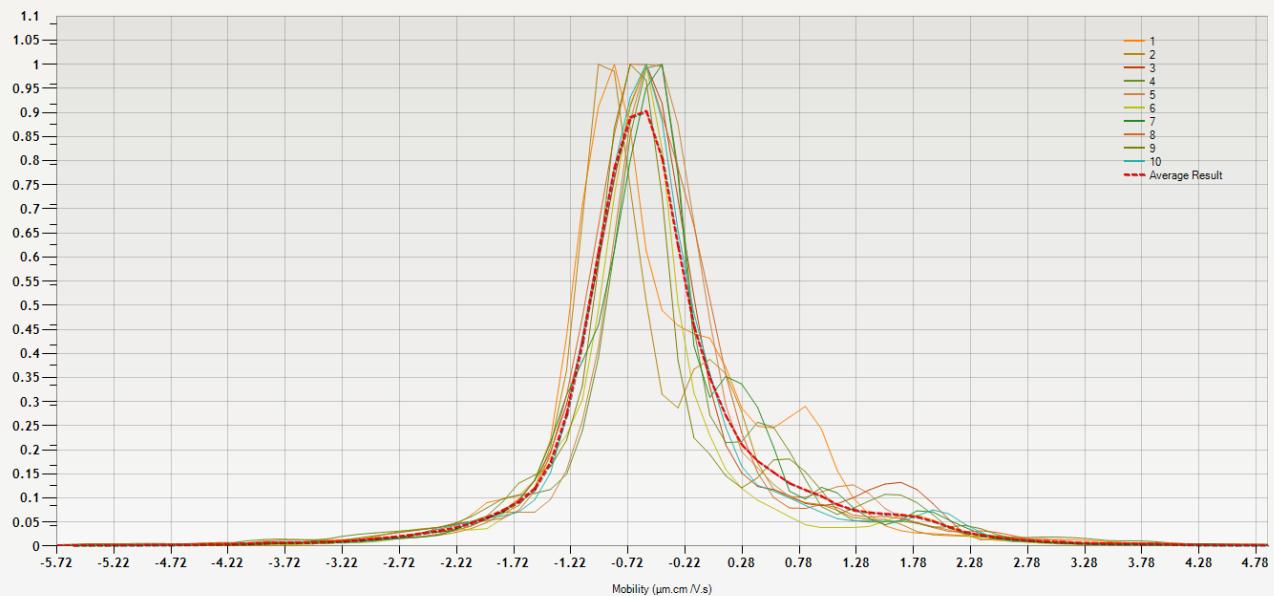
## SOP

<b>Name</b>	: GNP10.3.16_0.8_20k0	<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

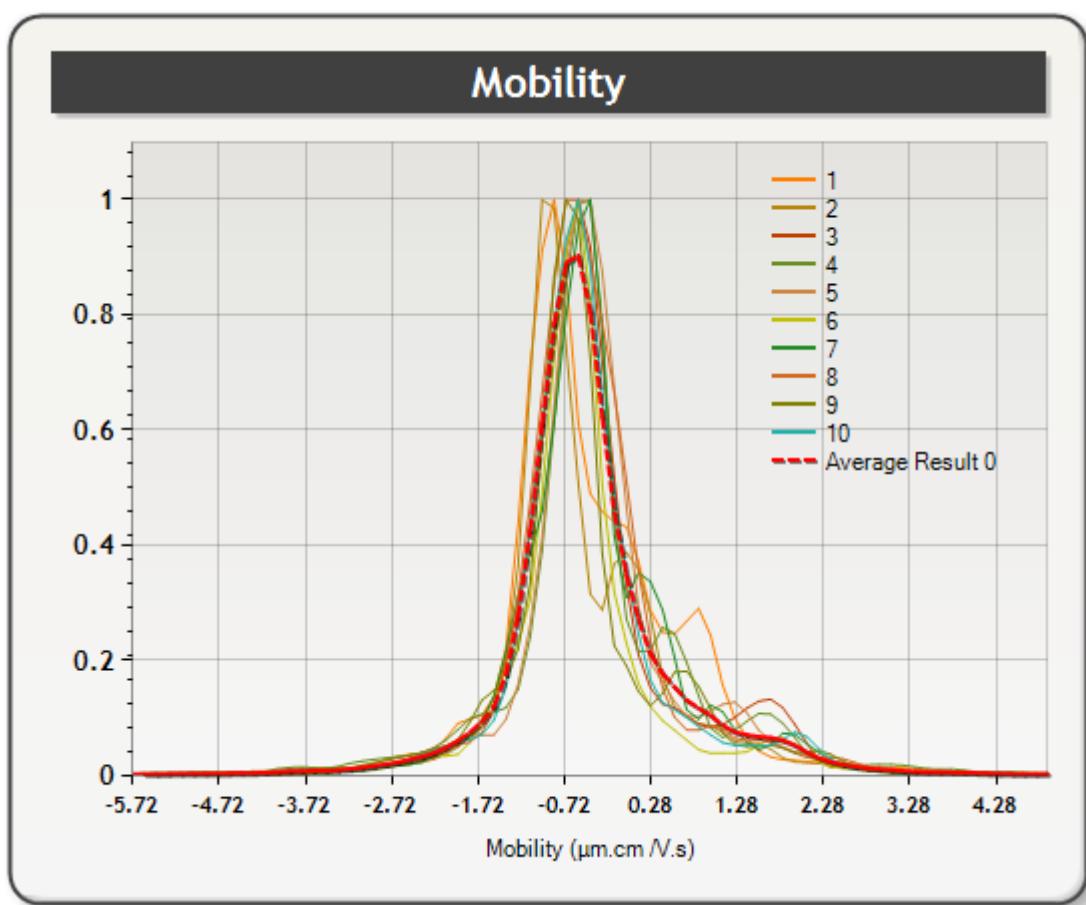
Mobility



**Sequence**

$\langle m \rangle$ : -0.6 ( $\mu\text{m.cm/V.s}$ ) S: 0.18  $\langle Z \rangle$ : -7.71(mV) S: 2.27

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**Temperature:** 25.0 °C**pH** : unknown**Dielectric Constante** : 78.06**Viscosity** : 0.888 cP**Conductivity indicator** : 4.972 V**Applied field** : 19.05 V/cm**Reference intensity** : 1373 kcps**Scattering intensity** : 1231 kcps**Carrier frequency** : 8025 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		-0.6	-7.71	-0.61	0.42	-7.9	5.34
1	þ	-0.84	-10.76	-0.77	0.47	-9.92	6.05
2	þ	-0.98	-12.55	-0.85	0.37	-10.92	4.71
3	þ	-0.56	-7.17	-0.58	0.44	-7.43	5.6
4	þ	-0.42	-5.38	-0.51	0.39	-6.59	5.06
5	þ	-0.42	-5.38	-0.47	0.43	-6.08	5.46
6	þ	-0.56	-7.17	-0.61	0.35	-7.88	4.53
7	þ	-0.42	-5.38	-0.52	0.44	-6.71	5.61
8	þ	-0.7	-8.96	-0.56	0.49	-7.21	6.3
9	þ	-0.56	-7.17	-0.67	0.36	-8.58	4.6
10	þ	-0.56	-7.17	-0.59	0.43	-7.62	5.47