

## Sample

**Name** : GNP29/02/16\_1.24  
**Mesured On** : 29.02.2016 16:44  
**by** : -- **logged as** : Admin  
**Comments from admin** :

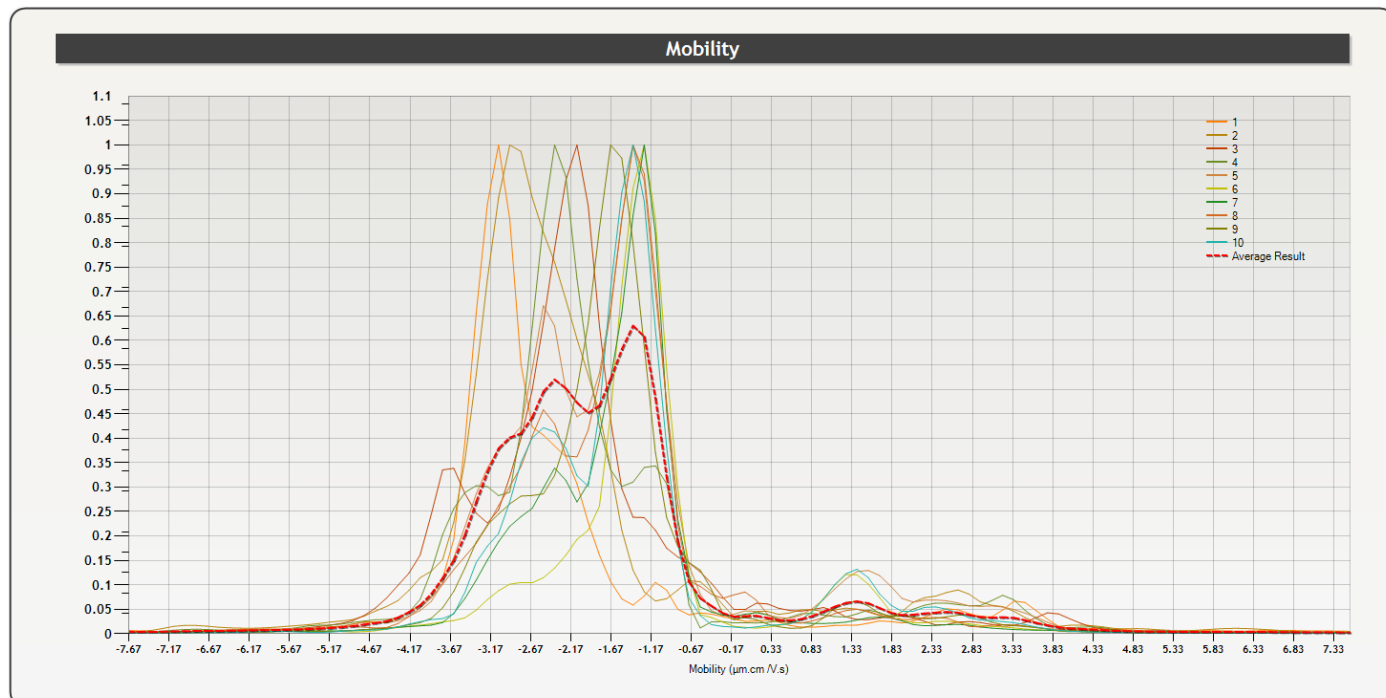
## SOP

<b>Name</b> : GNP29/02/16_2.50	<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:

**Solvent** : Water  
**Dielectric Constant** : 78.06

**Henry function:** Smoluchowski  
**Viscosity:** 0.888 cP



## Sequence

<m>: -1.88 ( $\mu\text{m.cm/V.s}$ ) S: 0.66 <Z>: -24.2(mV) S: 8.46

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Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

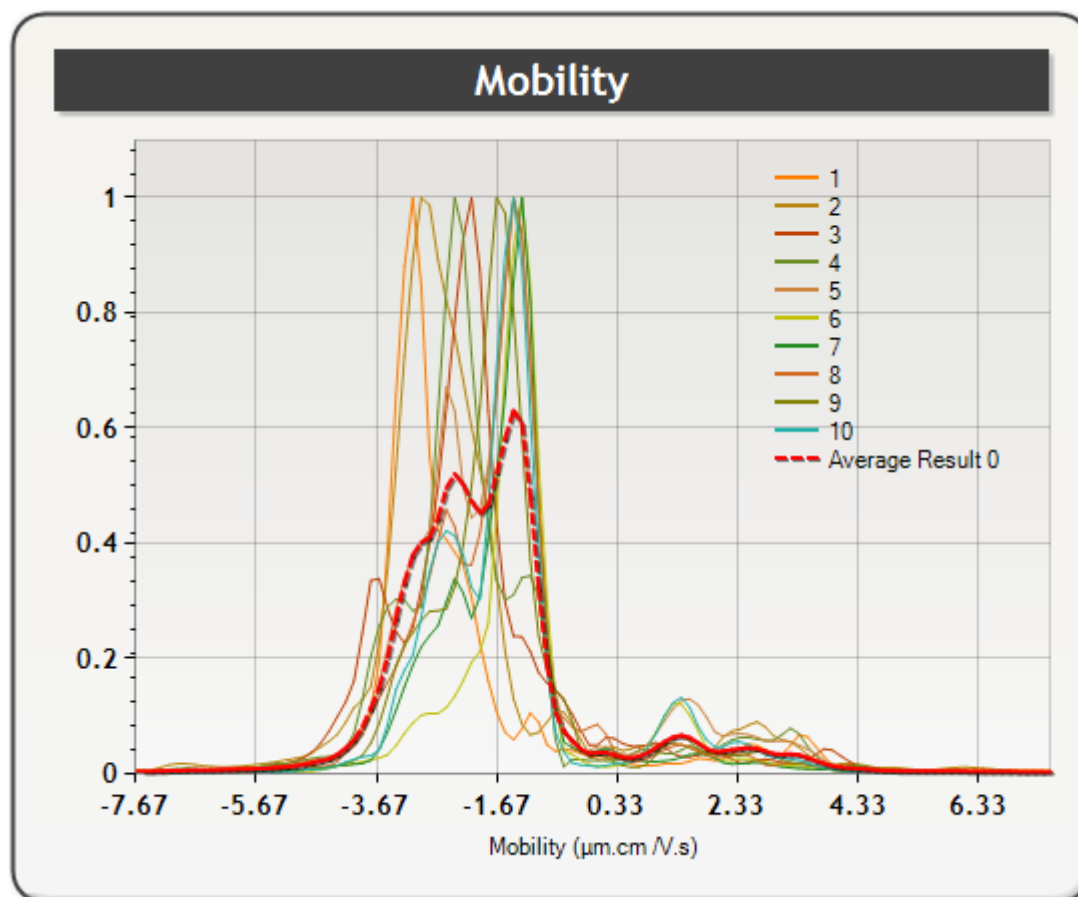
Conductivity indicator : 4.737 V

Applied field : 19.05 V/cm

Reference intensity : 449 kcps

Scattering intensity : 503 kcps

Carrier frequency : 8049 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		-1.88	-24.2	-1.91	0.48	-24.54	6.21
1	p	-3.07	-39.44	-3.04	0.39	-39.04	5.02
2	p	-2.93	-37.64	-2.71	0.64	-34.85	8.16
3	p	-2.09	-26.89	-2.18	0.53	-28.05	6.81
4	p	-2.37	-30.47	-2.32	0.51	-29.77	6.55
5	p	-1.39	-17.93	-1.59	0.65	-20.43	8.3
6	p	-1.25	-16.13	-1.31	0.33	-16.81	4.3
7	p	-1.25	-16.13	-1.36	0.38	-17.47	4.93
8	p	-1.39	-17.93	-1.46	0.5	-18.82	6.38
9	p	-1.67	-21.51	-1.66	0.47	-21.36	6.08
10	p	-1.39	-17.93	-1.47	0.43	-18.84	5.52