

## Sample

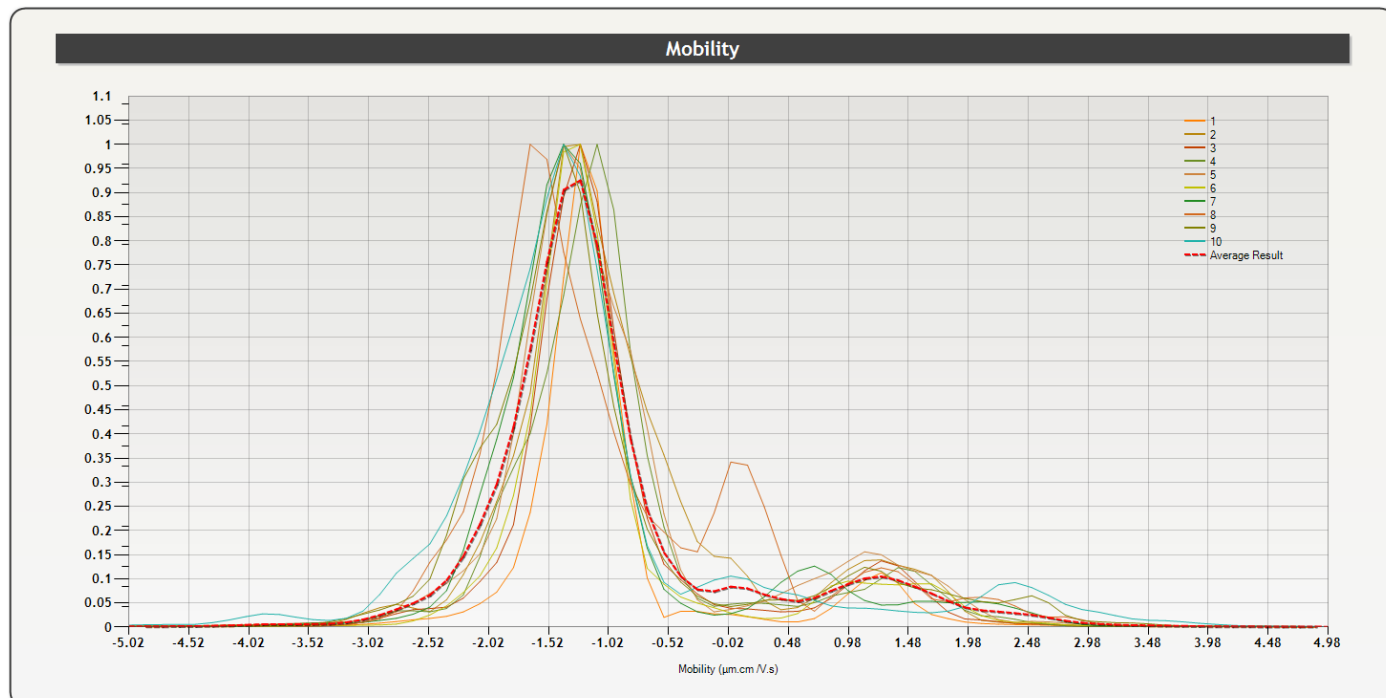
**Name** : GNP10.3.16\_2.5\_1k  
**Mesured On** : 14.03.2016 17:50  
**by** : -- **logged as** : Admin  
**Comments from admin** :

## SOP

**Name** : Default **Resolution** : MEDIUM  
**Laser Power** : 60% **Electrode Distance** : 5 mm  
**# Measure per sequence** : 10 **pH** : unknown  
**Temperature** : 25.0 °C

### Zeta potential calculation:

**Solvent** : Water **Henry function:** Smoluchowski  
**Dielectric Constant** : 78.06 **Viscosity:** 0.888 cP



## Sequence

<m>: -1.35 ( $\mu\text{m.cm/V.s}$ ) S: 0.14 <Z>: -17.39(mV) S: 1.8

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Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

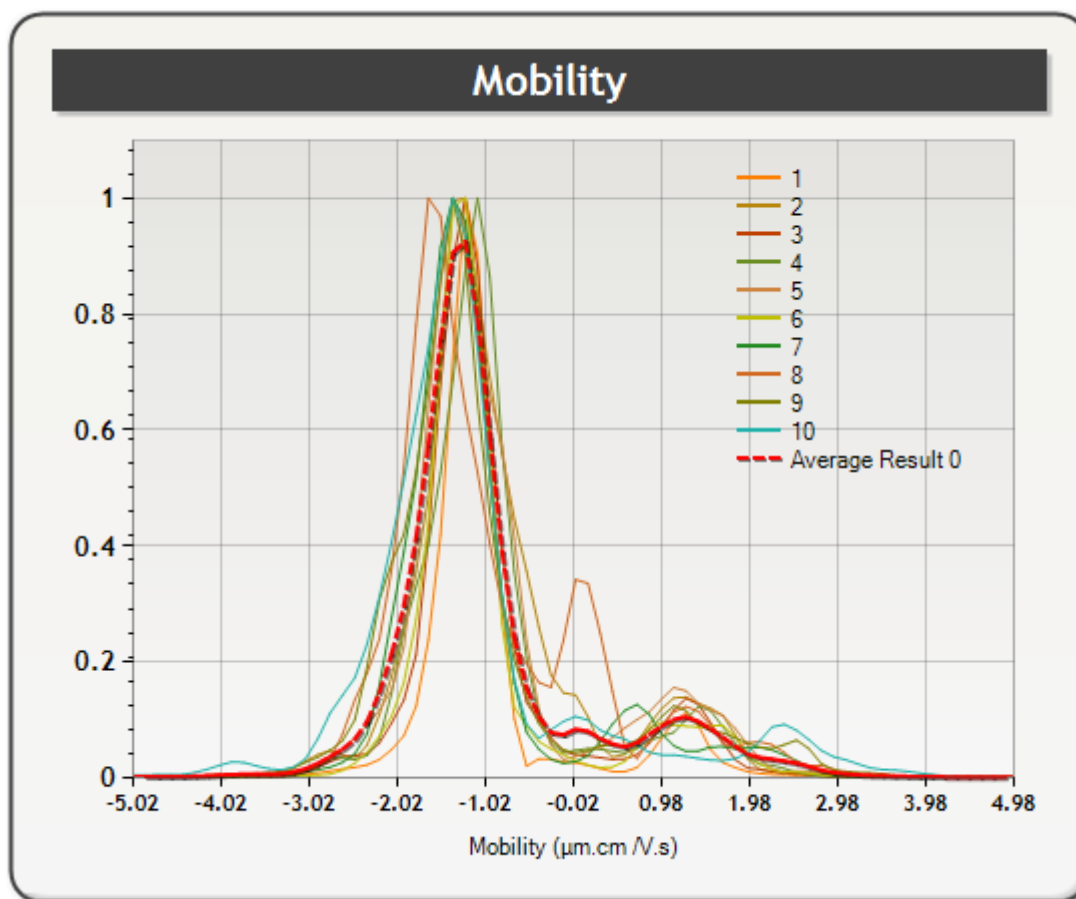
Conductivity indicator : 4.574 V

Applied field : 19.05 V/cm

Reference intensity : 312 kcps

Scattering intensity : 529 kcps

Carrier frequency : 8010 Hz



## 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	p	-1.25	-16.13	-1.22	0.26	-15.72	3.35
2	p	-1.39	-17.93	-1.24	0.44	-15.96	5.71
3	p	-1.25	-16.13	-1.26	0.33	-16.23	4.3
4	p	-1.12	-14.34	-1.17	0.37	-15.06	4.77
5	p	-1.39	-17.93	-1.3	0.43	-16.72	5.48
6	p	-1.39	-17.93	-1.31	0.32	-16.78	4.11
7	p	-1.25	-16.13	-1.39	0.4	-17.91	5.11
8	p	-1.67	-21.51	-1.54	0.45	-19.84	5.81
9	p	-1.39	-17.93	-1.42	0.42	-18.3	5.36
10	p	-1.39	-17.93	-1.44	0.46	-18.55	5.95