

## Sample

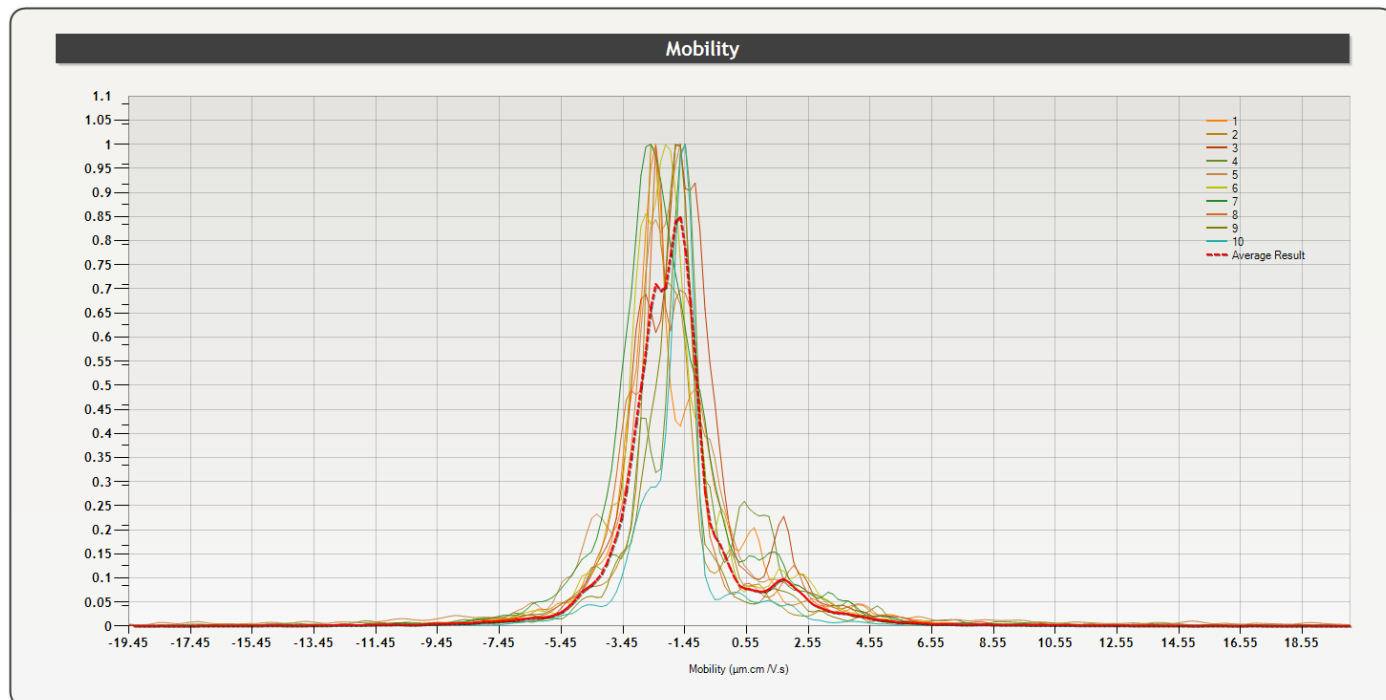
**Name** : GNP29/02/16\_0.8  
**Mesured On** : 29.02.2016 17:09  
**by** : -- **logged as** : Admin  
**Comments from admin** :

## SOP

**Name** : GNP29/02/16\_1.241 **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**
 $\langle \mu \rangle$ : -1.97 ( $\mu\text{m.cm/V.s}$ )    $s$ : 0.38    $\langle z \rangle$ : -25.28(mV)    $s$ : 4.83

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Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

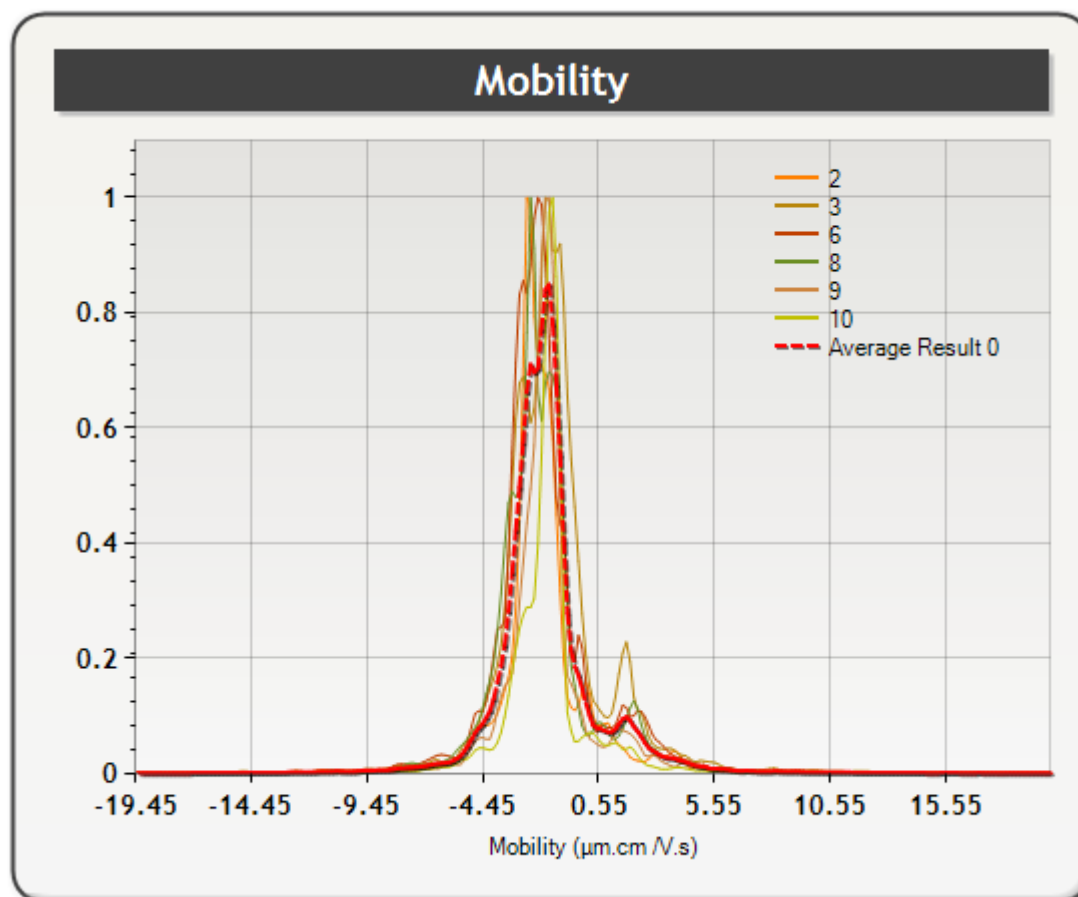
Conductivity indicator : 4.484 V

Applied field : 16.66 V/cm

Reference intensity : 1966 kcps

Scattering intensity : 2075 kcps

Carrier frequency : 8037 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		-1.97	-25.28	-1.92	0.79	-24.7	10.11
1		-2.39	-30.75	-2.38	0.83	-30.64	10.62
2		-2.55	-32.8	-2.2	0.67	-28.33	8.68
3		-1.75	-22.55	-1.67	-1.12	-21.48	-14.42
4		-1.59	-20.5	-1.54	-0.69	-19.81	-8.82
5		-1.59	-20.5	-1.97	-1.02	-25.27	-13.12
6		-1.91	-24.6	-2.2	0.97	-28.32	12.42
7		-2.55	-32.8	-2.37	-1.14	-30.43	-14.6
8		-2.39	-30.75	-2.16	0.88	-27.74	11.35
9		-1.59	-20.5	-1.75	0.61	-22.48	7.89
10		-1.59	-20.5	-1.55	0.46	-19.86	5.93