

## Sample

**Name** : GNP14.3.16\_0.8\_10k  
**Mesured On** : 14.03.2016 12:24  
**by** : -- **logged as** : Admin  
**Comments from admin** :

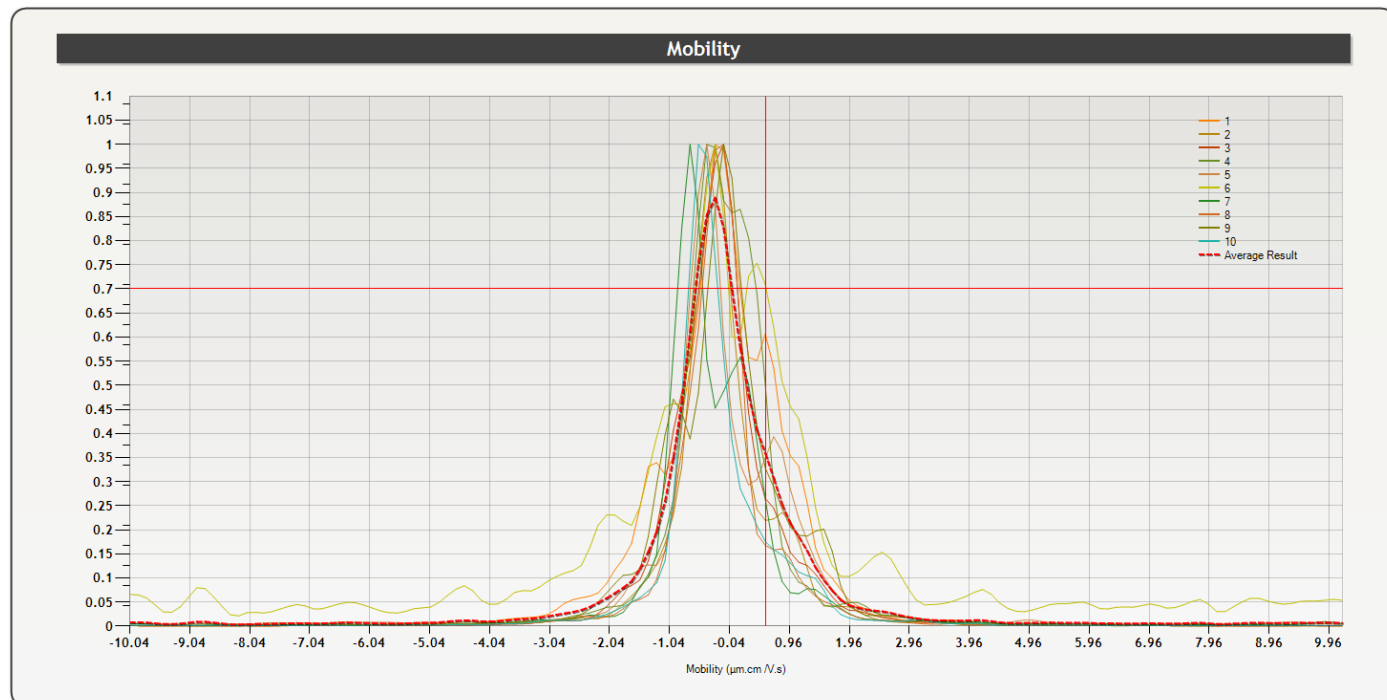
## SOP

**Name** : GNP14.3.16\_0.8\_10k0 **Resolution** : MEDIUM  
**Laser Power** : 60% **Electrode Distance** : 5 mm  
**# Measure per sequence** : 10 **pH** : unknown  
**Temperature** : 25.0 °C

### Zeta potential calculation:

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

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



## Sequence

<m>: -0.35 ( $\mu\text{m.cm/V.s}$ ) S: 0.17 <Z>: -4.48(mV) S: 2.16

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Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

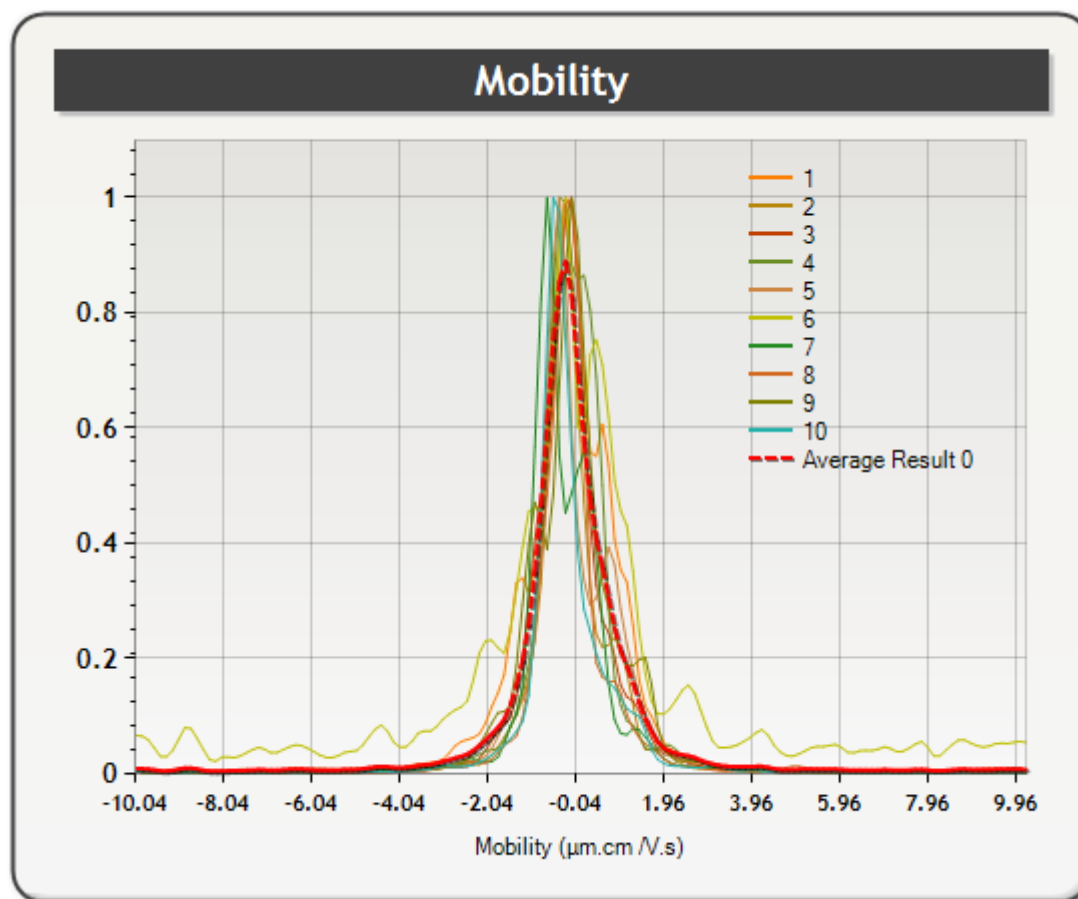
Conductivity indicator : 4.965 V

Applied field : 19.05 V/cm

Reference intensity : 1575 kcps

Scattering intensity : 1782 kcps

Carrier frequency : 8032 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		-0.35	-4.48	-0.27	0.53	-3.51	6.78
1	p	-0.28	-3.59	-0.14	0.67	-1.83	8.68
2	p	-0.28	-3.59	-0.29	0.42	-3.71	5.44
3	p	-0.14	-1.79	-0.24	0.51	-3.15	6.5
4	p	-0.42	-5.38	-0.15	0.58	-1.97	7.45
5	p	-0.42	-5.38	-0.39	0.43	-5.07	5.54
6	p	-0.28	-3.59	-0.11	-0.89	-1.38	-11.47
7	p	-0.7	-8.96	-0.58	0.45	-7.48	5.74
8	p	-0.28	-3.59	-0.23	0.41	-2.89	5.31
9	p	-0.14	-1.79	-0.14	0.54	-1.8	6.91
10	p	-0.56	-7.17	-0.45	0.37	-5.81	4.72