

Sample

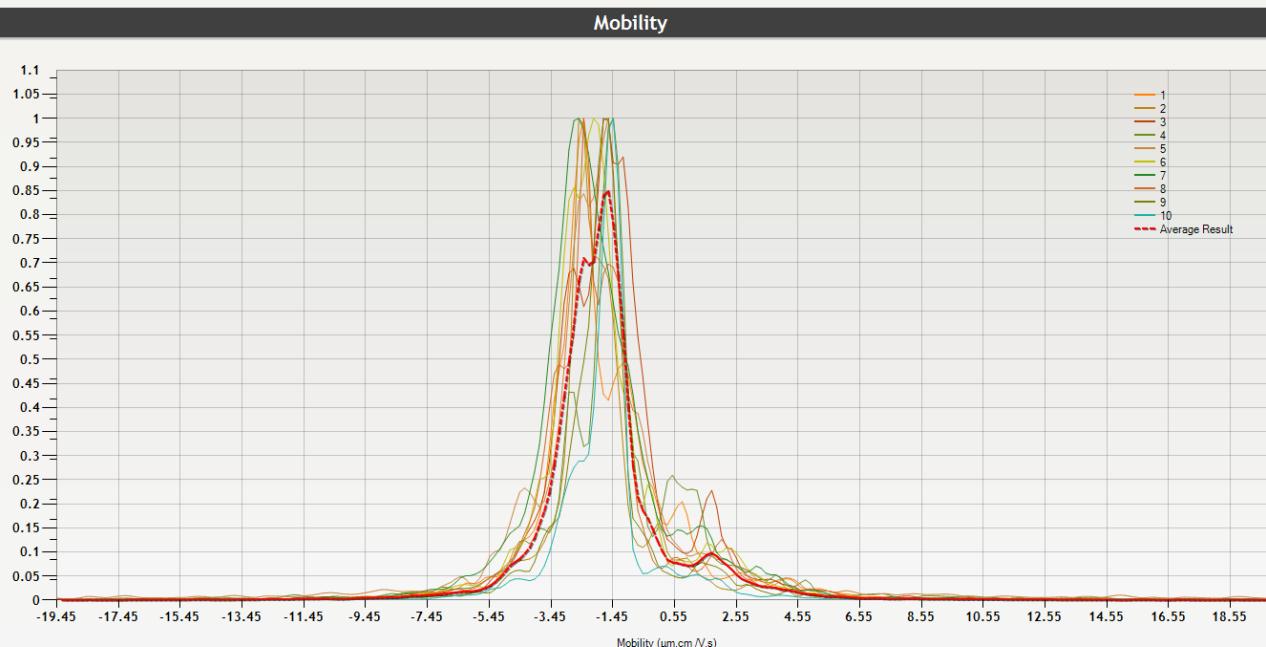
Name : GNP29/02/16_0.8
Measured On : 29.02.2016 17:09
by : -- **logged as** : Admin
Comments from admin :

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:

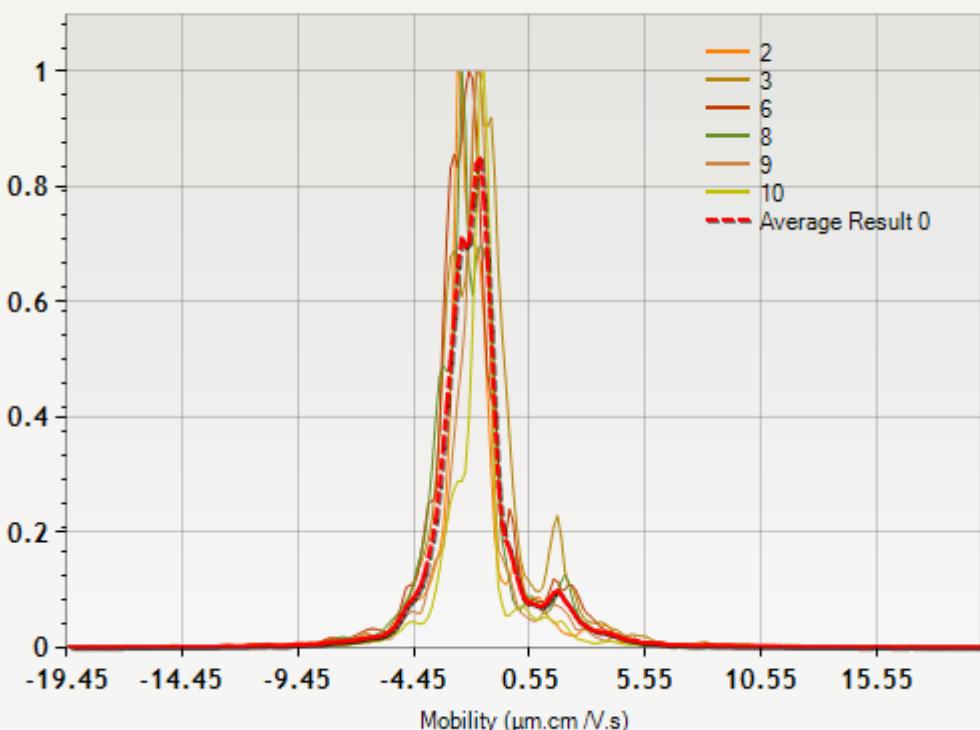
Solvent	: Water	Henry function: Smoluchowski
Dielectric Constant : 78.06		Viscosity: 0.888 cP



Sequence

μ : -1.97 ($\mu\text{m.cm/V.s}$) s : 0.38 Δz : -25.28 (mV) s : 4.83

29.02.2016 17:12

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**Mobility****Values**

#	Valid	Raw		Fit			
		μ ($\mu\text{m.cm/V.s}$)	z (mV)	μ ($\mu\text{m.cm/V.s}$)	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