ZetaQ Report

Sample

Name : GNP14.3.16_1.24_10k

Mesured On : 14.03.2016 12:48

by : -- **logged as** : Admin

Comments from admin :

SOP

Name : Default

Laser Power : 60%

 # Measure per sequence : 10

Resolution : MEDIUM

Electrode Distance : 5 mm

pH : unknown

Temperature : 25.0 °C

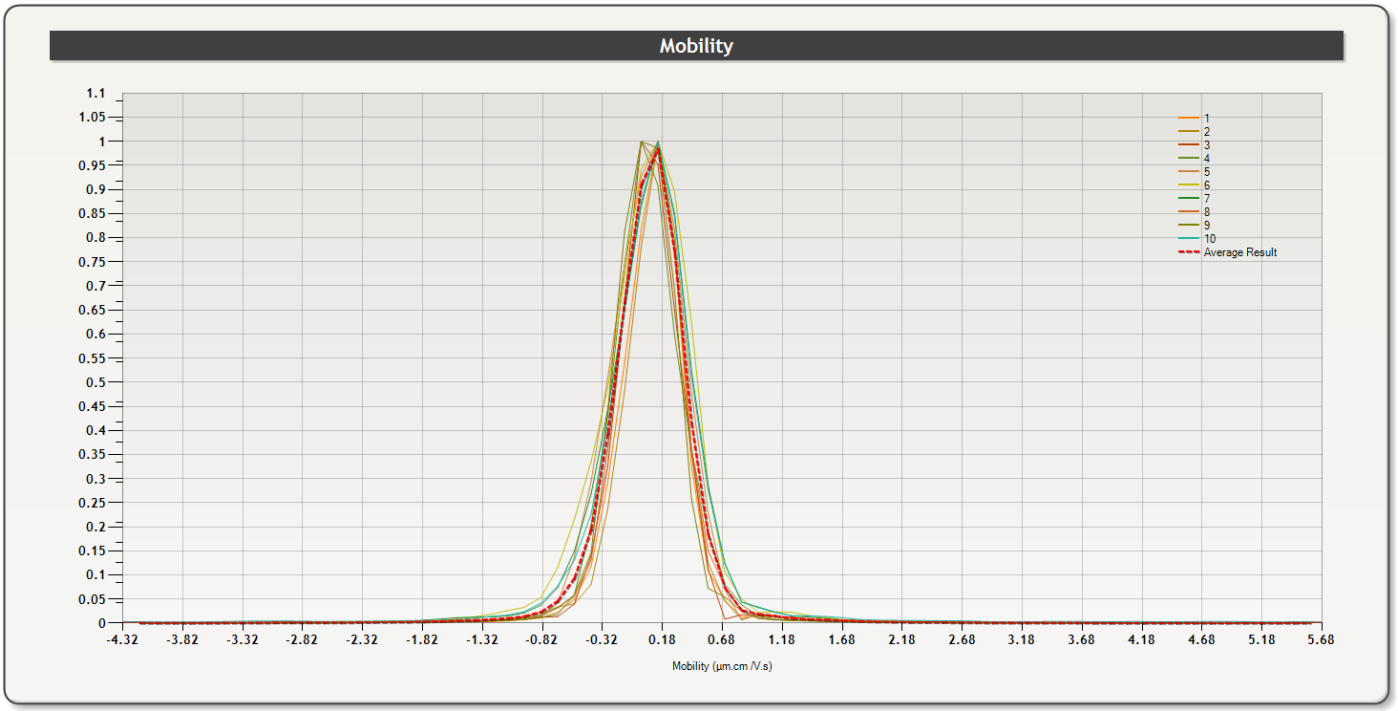
Zeta potential calculation:

Solvant : Water

Dielectric Constant : 78.06

Henry function: Smoluchowski

Viscosity: 0.888 cP

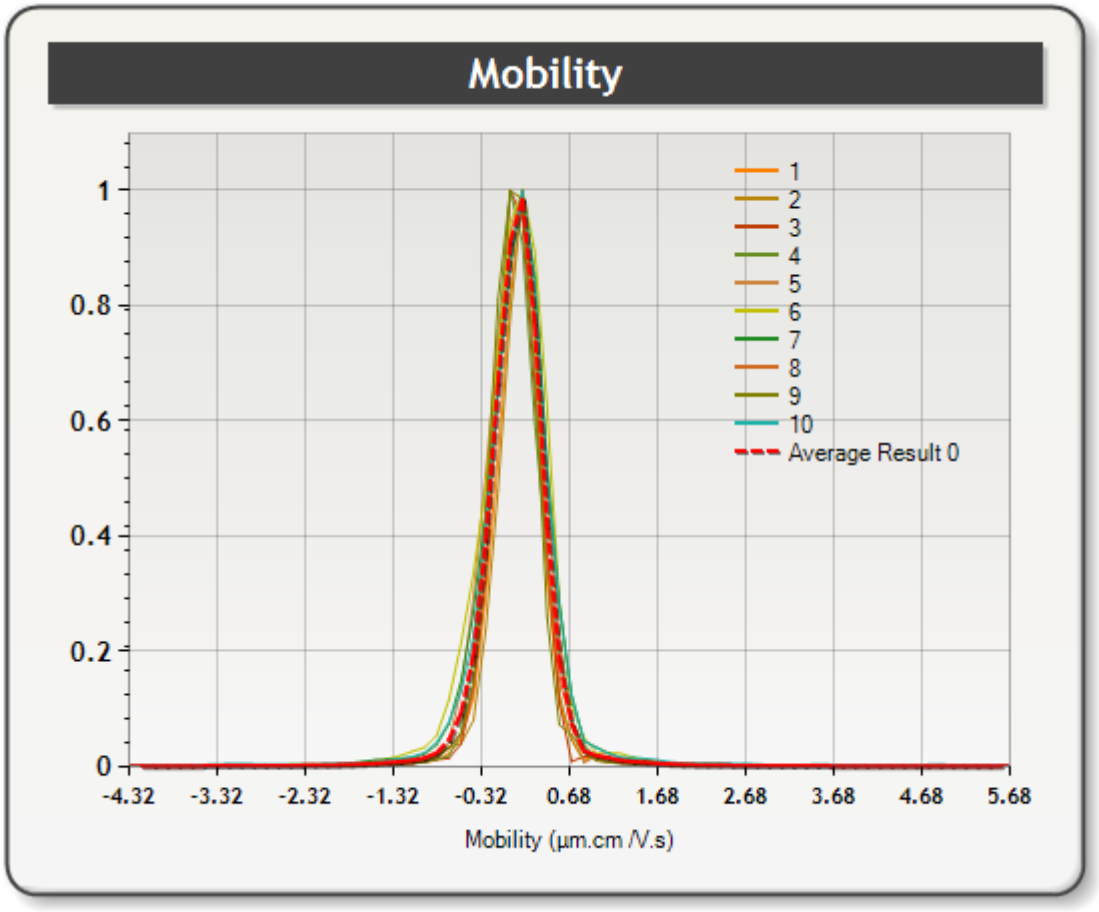


Sequence

<m>: *0.1 (µm.cm/V.s)* s: *0.06* <z>: *1.25(mV)* s: *0.82*

14.03.2016 12:51 **Temperature:** *25.0 °C* **pH** *: unknown*

Dielectric Constante	*: 78.06*	***Viscosity***	*: 0.888 cP*
Conductivity indicator	*: 4.951 V*	***Applied field***	*: 19.05 V/cm*
Reference intensity	*: 449 kcps*	***Scattering intensity***	*: 370 kcps*
Carrier frequency	*: 8030 Hz*		



Values

		Raw		*Fit*			
#	***Valid***	***µ (µm.cm/V.s)***	z ***(mV)***	***µ (µm.cm/V.s)***	s	z ***(mV)***	s
Avg		0.1	1.25	0.08	0.27	1.06	3.48
1	þ	0.14	1.79	0.1	0.24	1.26	3.02
2	þ	0.14	1.79	0.12	0.23	1.5	2.94
3	þ	0	0	0.07	0.24	0.87	3.15
4	þ	0	0	0.05	0.26	0.6	3.38
5	þ	0.14	1.79	0.07	0.3	0.89	3.84
6	þ	0	0	0.09	0.33	1.19	4.22
7	þ	0.14	1.79	0.1	0.3	1.31	3.87
8	þ	0.14	1.79	0.08	0.26	1.07	3.3
9	þ	0.14	1.79	0.04	0.26	0.53	3.31
10	þ	0.14	1.79	0.1	0.29	1.34	3.79