ZetaQ Report

Sample

Name : GNP14.3.16_1.24_5k

Mesured On : 14.03.2016 15:39

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

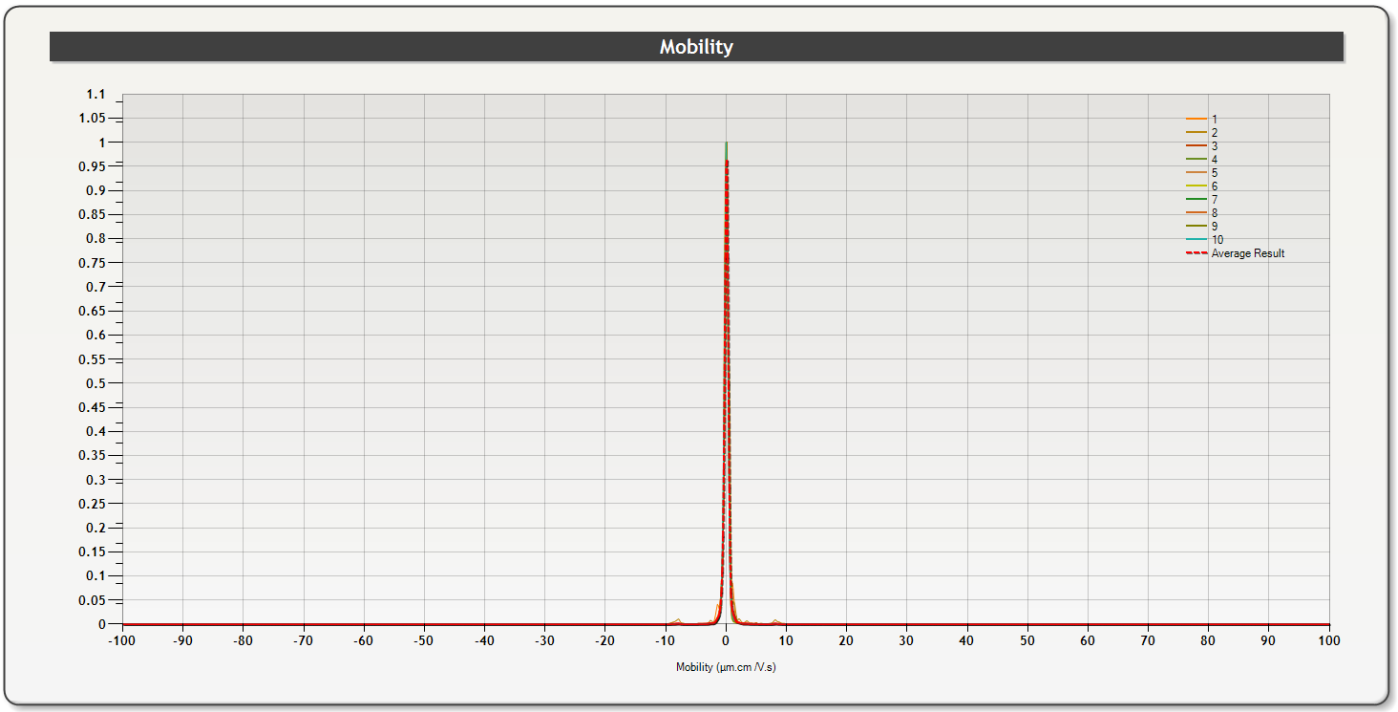
Zeta potential calculation:

Solvant : Water

Dielectric Constant : 78.06

Henry function: Smoluchowski

Viscosity: 0.888 cP

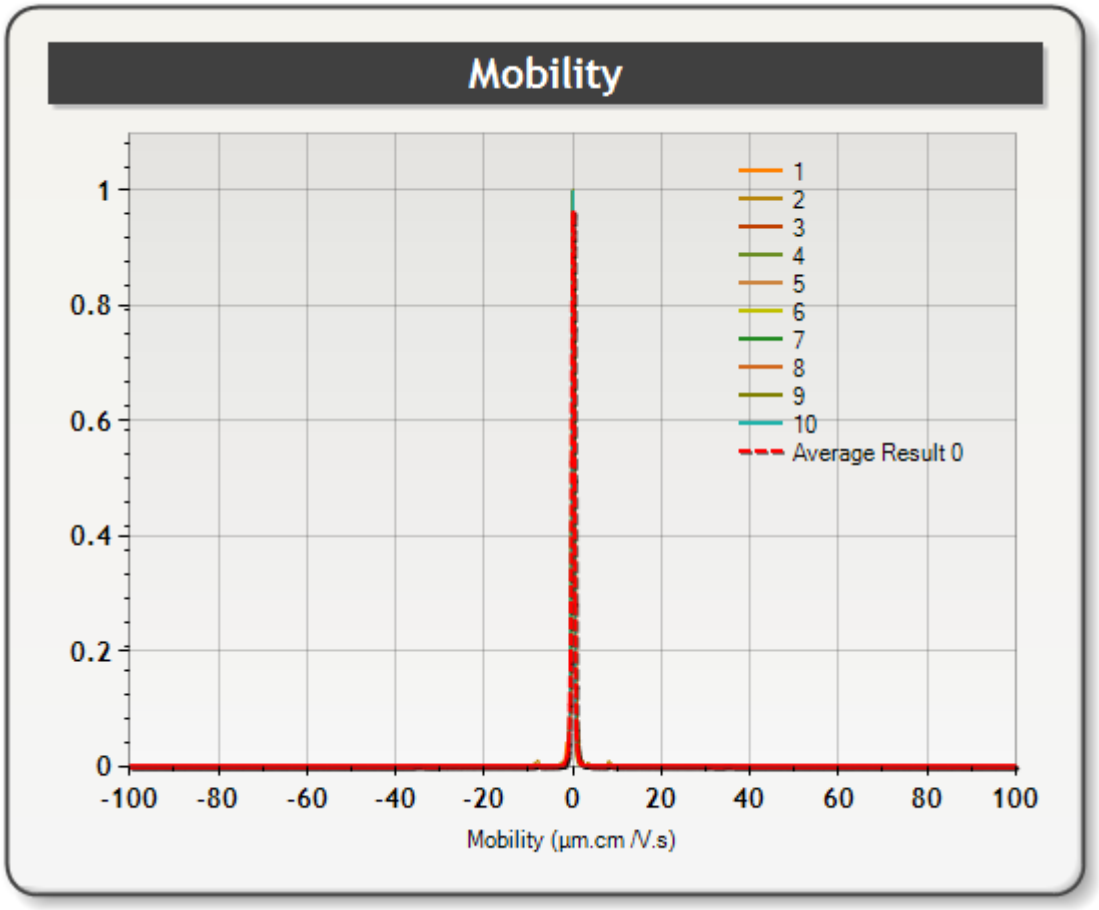


Sequence

<m>: *0.05 (µm.cm/V.s)* s: *0.06* <z>: *0.67(mV)* s: *0.83*

14.03.2016 15:42 **Temperature:** *25.0 °C* **pH** *: unknown*

Dielectric Constante	*: 78.06*	***Viscosity***	*: 0.888 cP*
Conductivity indicator	*: 5.005 V*	***Applied field***	*: 20.27 V/cm*
Reference intensity	*: 565 kcps*	***Scattering intensity***	*: 679 kcps*
Carrier frequency	*: 8018 Hz*		



Values

		Raw		*Fit*			
#	**Valid**	**µ (µm.cm/V.s)**	z (mV)	**µ (µm.cm/V.s)**	s	z (mV)	s
Avg		0.05	0.67	0.06	0.3	0.76	3.85
1	b	0.13	1.68	0.14	0.29	1.75	3.67
2	b	0	0	0.08	0.34	1.09	4.43
3	b	0.13	1.68	0.08	0.27	1.03	3.48
4	b	0.13	1.68	0.06	0.31	0.72	3.92
5	b	0.13	1.68	0.08	0.3	1.06	3.85
6	b	0	0	-0.02	0.3	-0.28	3.92
7	b	0	0	0.05	0.29	0.65	3.72
8	b	0	0	0.06	0.29	0.72	3.77
9	b	0	0	0.08	0.3	1.02	3.9
10	b	0	0	-0.01	0.3	-0.16	3.86