ZetaQ Report

Sample

Name : GNP14.3.16_0.8_5k

Mesured On : 14.03.2016 15:22

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

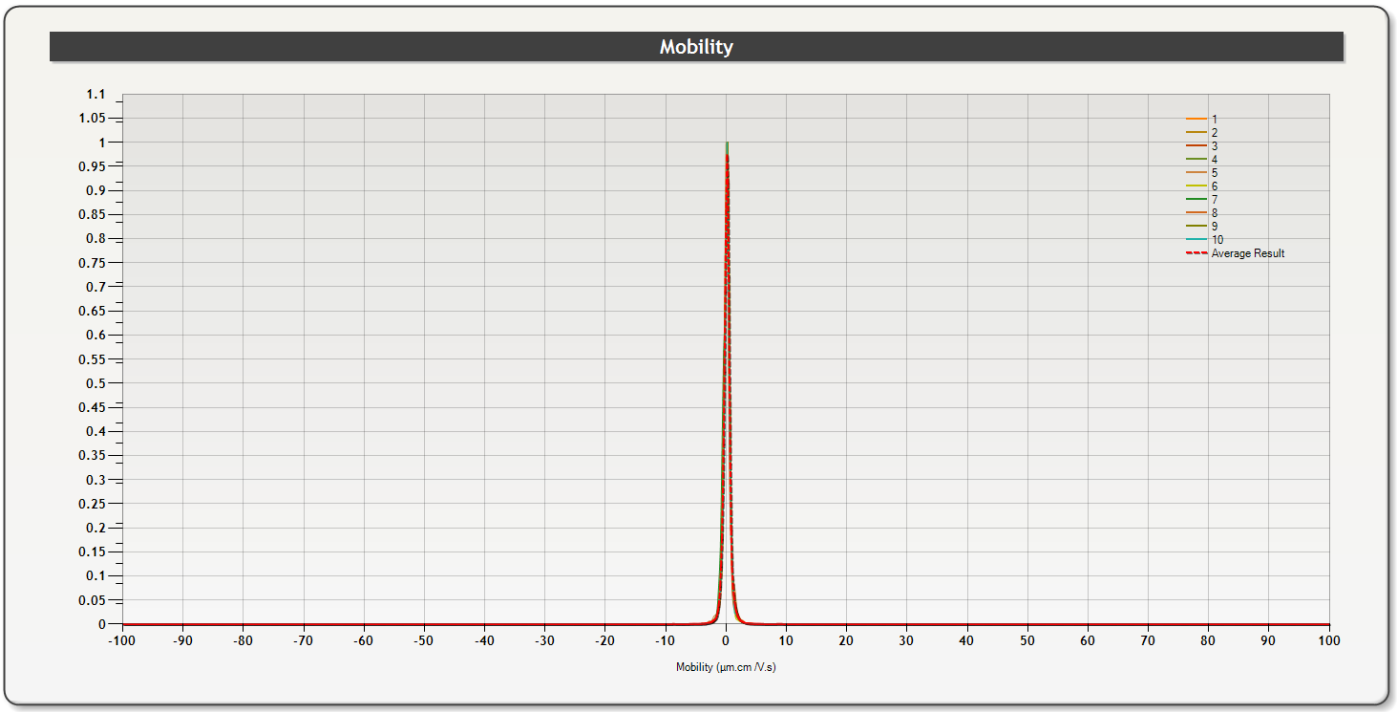
Zeta potential calculation:

Solvant : Water

Dielectric Constant : 78.06

Henry function: Smoluchowski

Viscosity: 0.888 cP

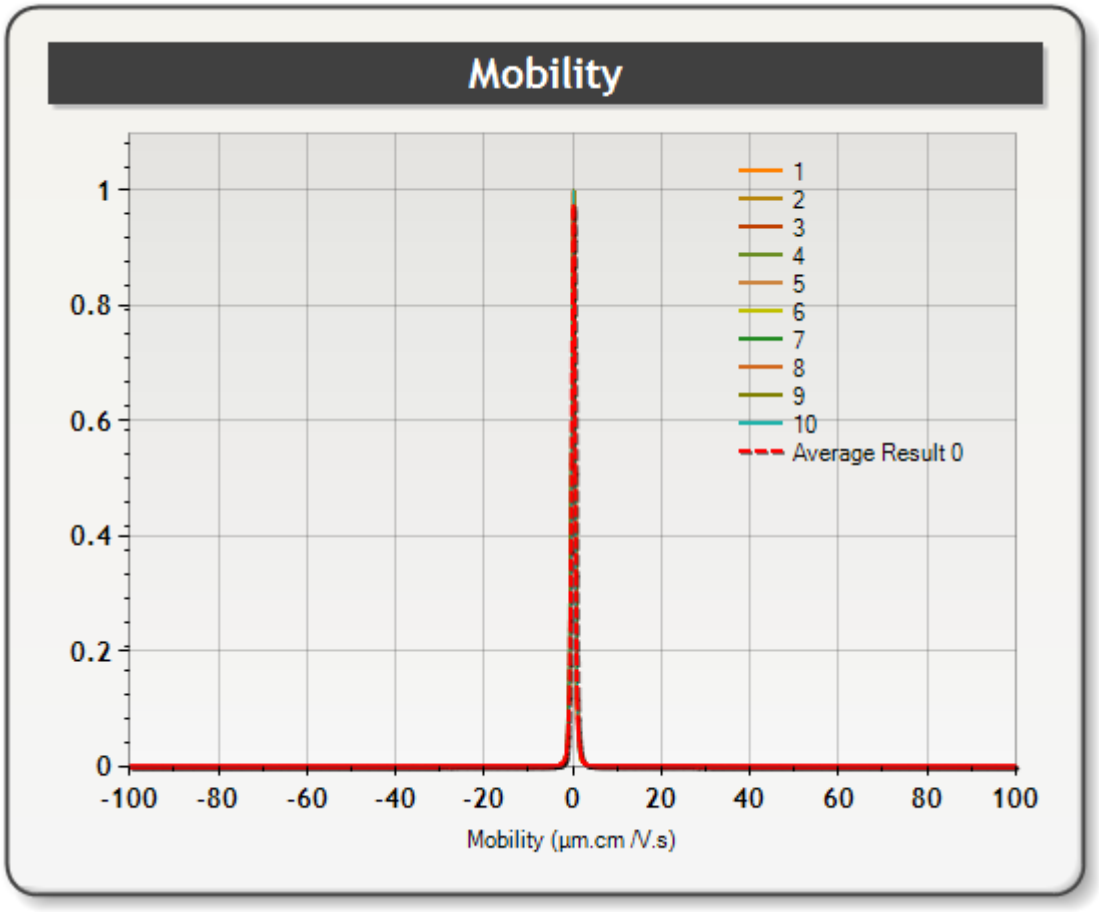


Sequence

<m>: 0.15 (µm.cm/V.s) s: 0.1 <z>: 1.97(mV) s: 1.25

14.03.2016 15:24 **Temperature:** 25.0 °C **pH** : unknown

Dielectric Constante	: 78.06	**Viscosity**	: 0.888 cP
Conductivity indicator	: 4.867 V	**Applied field**	: 19.05 V/cm
Reference intensity	: 1484 kcps	**Scattering intensity**	: 1322 kcps
Carrier frequency	: 8013 Hz		



Values

		Raw		Fit			
#	Valid	µ (µm.cm/V.s)	z (mV)	µ (µm.cm/V.s)	s	z (mV)	s
Avg		0.15	1.97	0.14	0.39	1.77	5.03
1	b	0.28	3.59	0.23	0.39	3.01	4.97
2	b	0	0	0.08	0.4	1.02	5.14
3	b	0.28	3.59	0.15	0.41	1.95	5.23
4	b	0.28	3.59	0.19	0.41	2.5	5.23
5	b	0	0	0.06	0.38	0.83	4.89
6	b	0.14	1.79	0.11	0.35	1.43	4.48
7	b	0.14	1.79	0.14	0.49	1.78	6.24
8	b	0.14	1.79	0.09	0.32	1.21	4.16
9	b	0.14	1.79	0.16	0.44	2.03	5.65
10	b	0.14	1.79	0.15	0.33	1.91	4.29