ZetaQ Report

Sample

Name	: *GNP10.3.16_0.8_20k*
Mesured On	: *10.03.2016 18:16*
by	: *--* **logged as** : *Admin*
Comments from admin	:
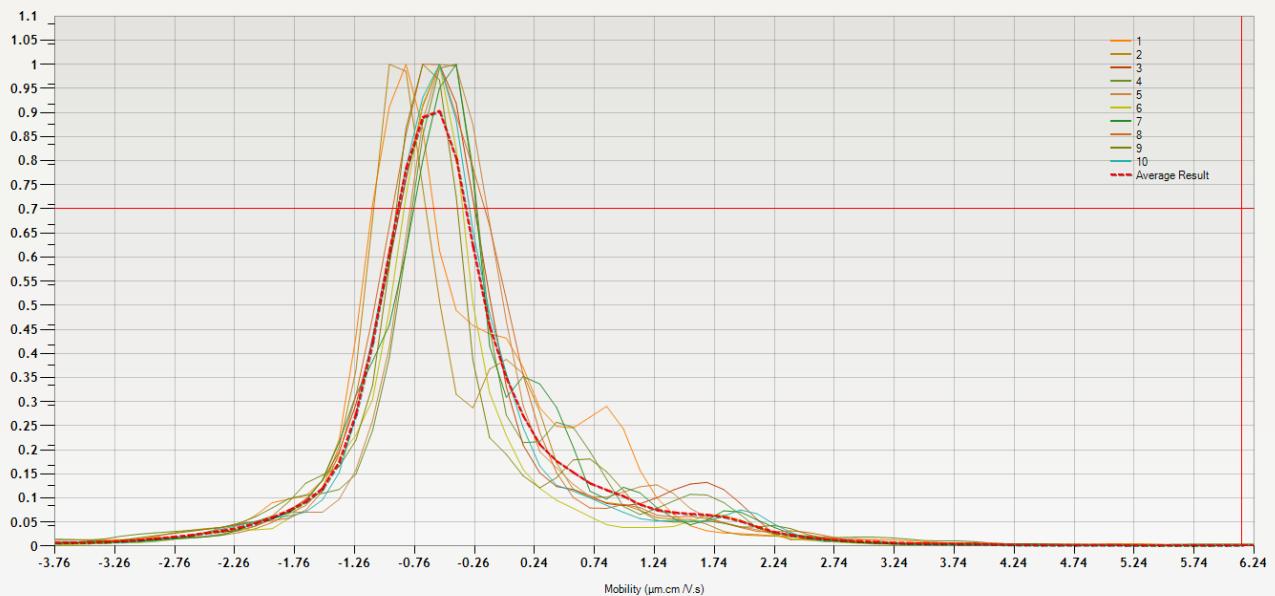
SOP

Name	: *GNP10.3.16_0.8_20k0*	**Resolution**	: *MEDIUM*
Laser Power	: *60%*	**Electrode Distance**	: *5 mm*
# Measure per sequence	: *10*	**pH**	: *unknown*
		Temperature	: *25.0 °C*

Zeta potential calculation:

Solvant	: *Water*	**Henry function:** *Smoluchowski*
Dielectric Constant	: *78.06*	**Viscosity:** *0.888 cP*
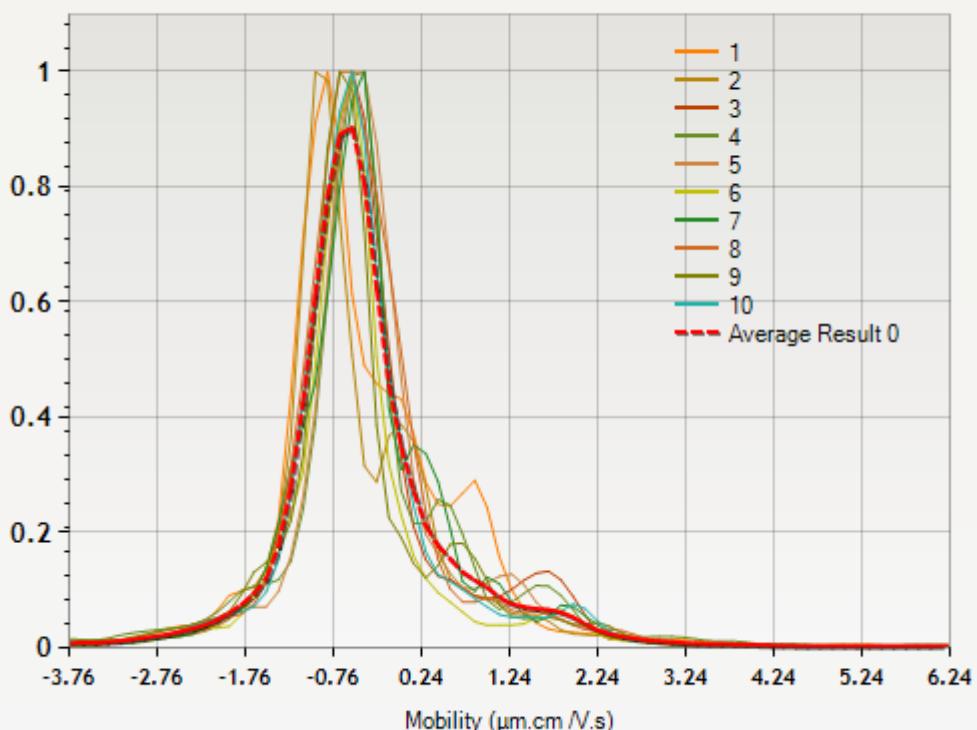
Mobility

10.03.2016 18:19		**Temperature:** *25.0 ℃* **pH** : *unknown*	
Dielectric Constante	: *78.06*	**Viscosity**	: *0.888 cP*
Conductivity indicator	: *4.972 V*	**Applied field**	: *19.05 V/cm*
Reference intensity	: *1373 kcps*	**Scattering intensity**	: *1231 kcps*
Carrier frequency	: *8025 Hz*		

Values

#	Valid	Raw μ (µm.cm/V.s)	Raw Z (mV)	Fit μ (µm.cm/V.s)	Fit S	Fit Z (mV)	Fit S
Avg		-0.6	-7.71	-0.61	0.42	-7.9	5.34
1	Ò	-0.84	-10.76	-0.77	0.47	-9.92	6.05
2	Ò	-0.98	-12.55	-0.85	0.37	-10.92	4.71
3	Ò	-0.56	-7.17	-0.58	0.44	-7.43	5.6
4	Ò	-0.42	-5.38	-0.51	0.39	-6.59	5.06
5	Ò	-0.42	-5.38	-0.47	0.43	-6.08	5.46
6	Ò	-0.56	-7.17	-0.61	0.35	-7.88	4.53
7	Ò	-0.42	-5.38	-0.52	0.44	-6.71	5.61
8	Ò	-0.7	-8.96	-0.56	0.49	-7.21	6.3
9	Ò	-0.56	-7.17	-0.67	0.36	-8.58	4.6
10	Ò	-0.56	-7.17	-0.59	0.43	-7.62	5.47