ZetaQ Report

Sample

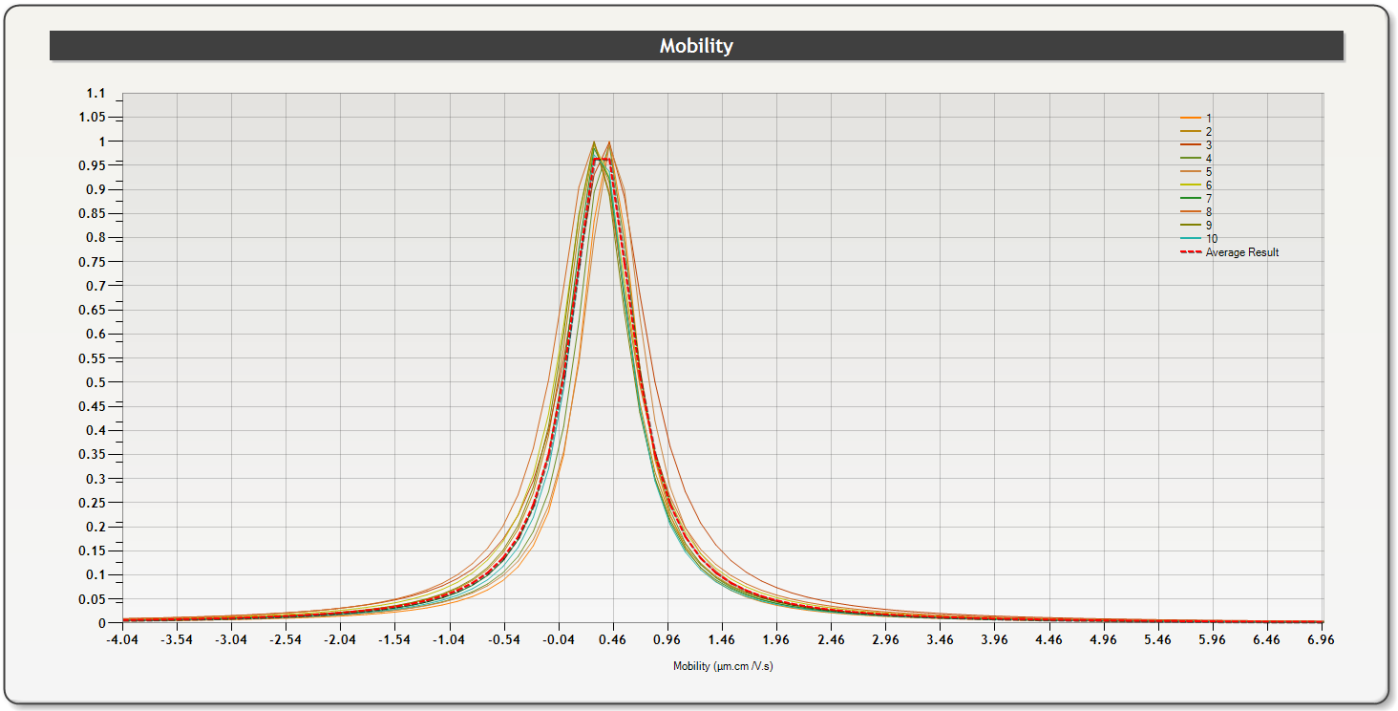
Name	: GNP14.3.16_1.24_1k		
Mesured On	: 14.03.2016 16:58		
by	: --	**logged as**	: Admin
Comments from admin	:		

SOP

Name	: Default	**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



Sequence

<m>: 0.38 (µm.cm/V.s) **s:** 0.09 **<z>:** 4.84(mV) **s:** 1.15

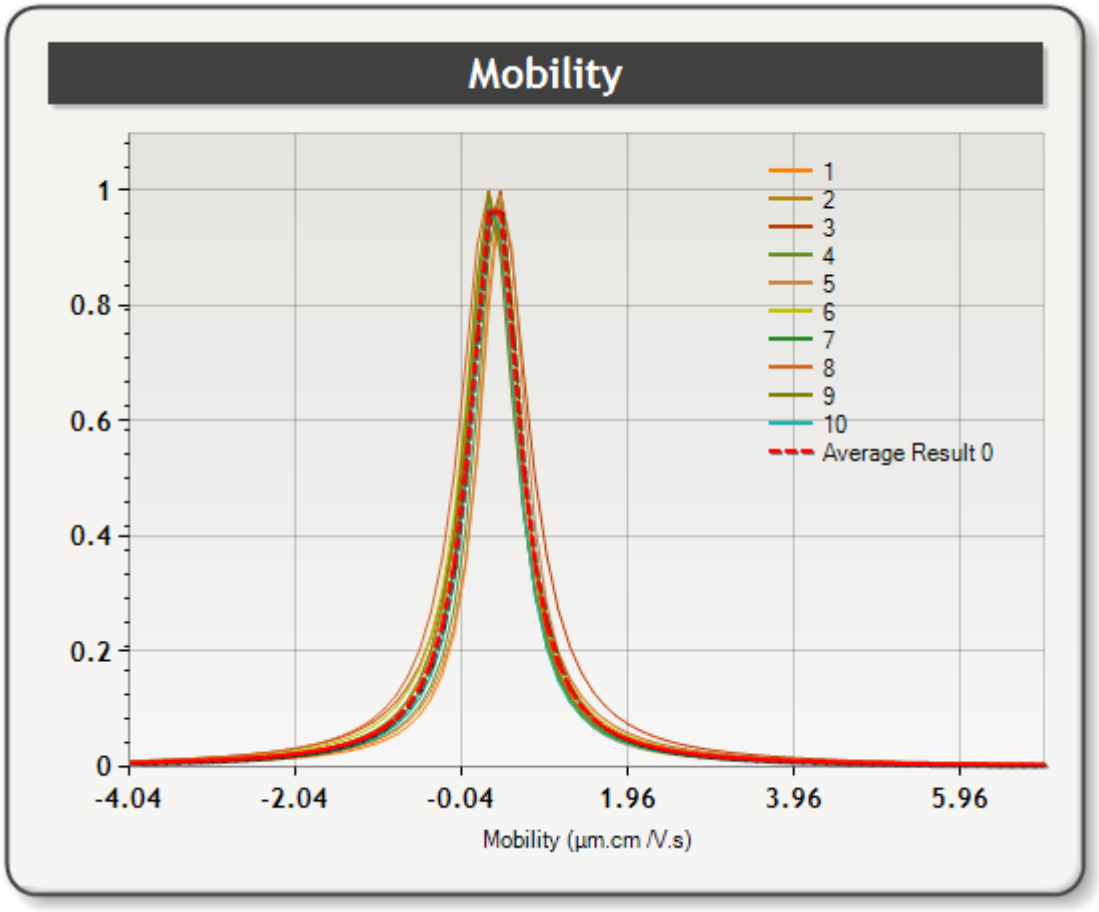
14.03.2016 17:01 **Temperature:** 25.0 °C **pH** : unknown

Dielectric Constante : 78.06 **Viscosity** : 0.888 cP

Conductivity indicator : 4.838 V **Applied field** : 19.05 V/cm

Reference intensity : 426 kcps **Scattering intensity** : 2028 kcps

Carrier frequency : 8008 Hz



Values

		Raw		Fit			
#	Valid	µ (µm.cm/V.s)	z (mV)	µ (µm.cm/V.s)	s	z (mV)	s
Avg		0.38	4.84	0.35	0.36	4.48	4.61
1		0.42	5.38	0.41	0.3	5.32	3.9
2		0.28	3.59	0.31	0.36	3.97	4.6
3		0.56	7.17	0.4	0.44	5.13	5.65
4		0.42	5.38	0.39	0.32	5.02	4.17
5		0.42	5.38	0.45	0.33	5.74	4.27
6		0.28	3.59	0.31	0.39	3.94	5.02
7		0.28	3.59	0.32	0.34	4.12	4.35
8		0.28	3.59	0.27	0.42	3.53	5.38
9		0.42	5.38	0.29	0.36	3.75	4.6
10		0.42	5.38	0.33	0.33	4.3	4.18