

Sample

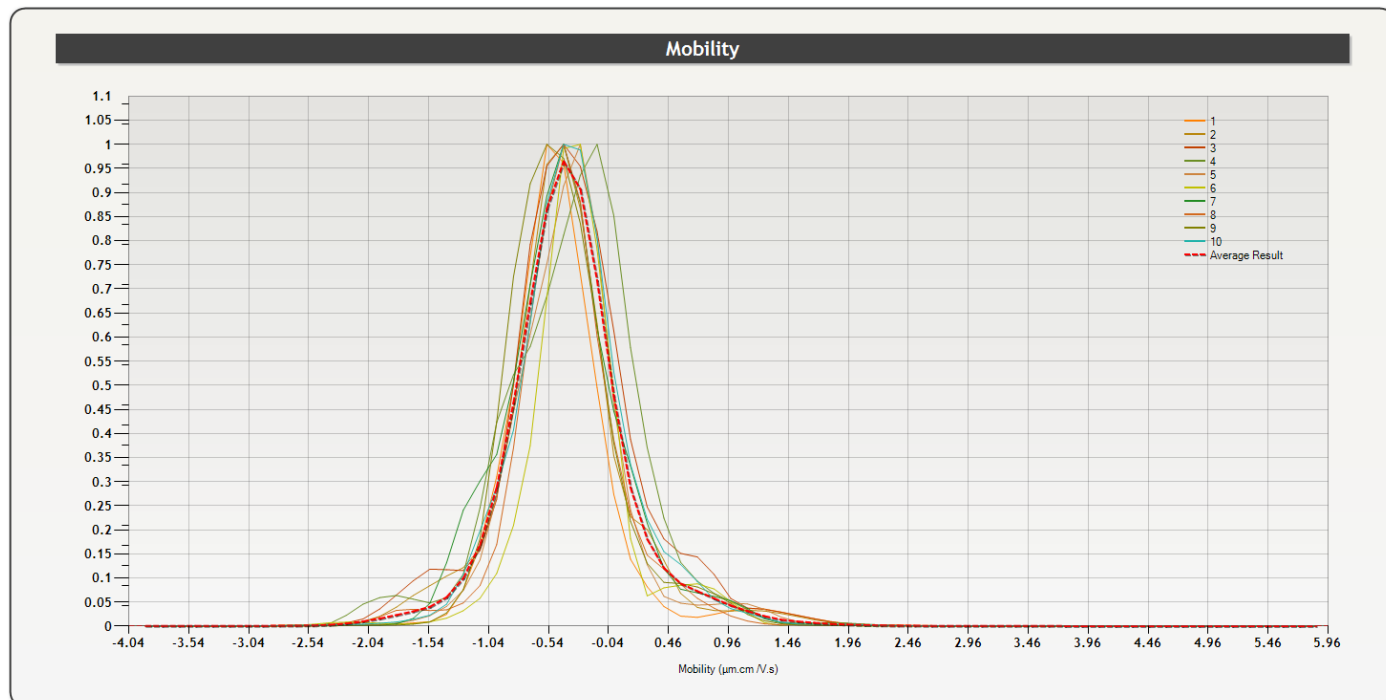
Name : GNP14.3.16_2.5_5k
Mesured On : 14.03.2016 16:02
by : -- **logged as** : Admin
Comments from admin :

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:

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



Sequence

<m>: -0.4 ($\mu\text{m.cm/V.s}$) S: 0.13 <Z>: -5.2(mV) S: 1.69

14.03.2016 16:04

Temperature: 25.0 °C

pH : unknown

Dielectric Constante : 78.06

Viscosity : 0.888 cP

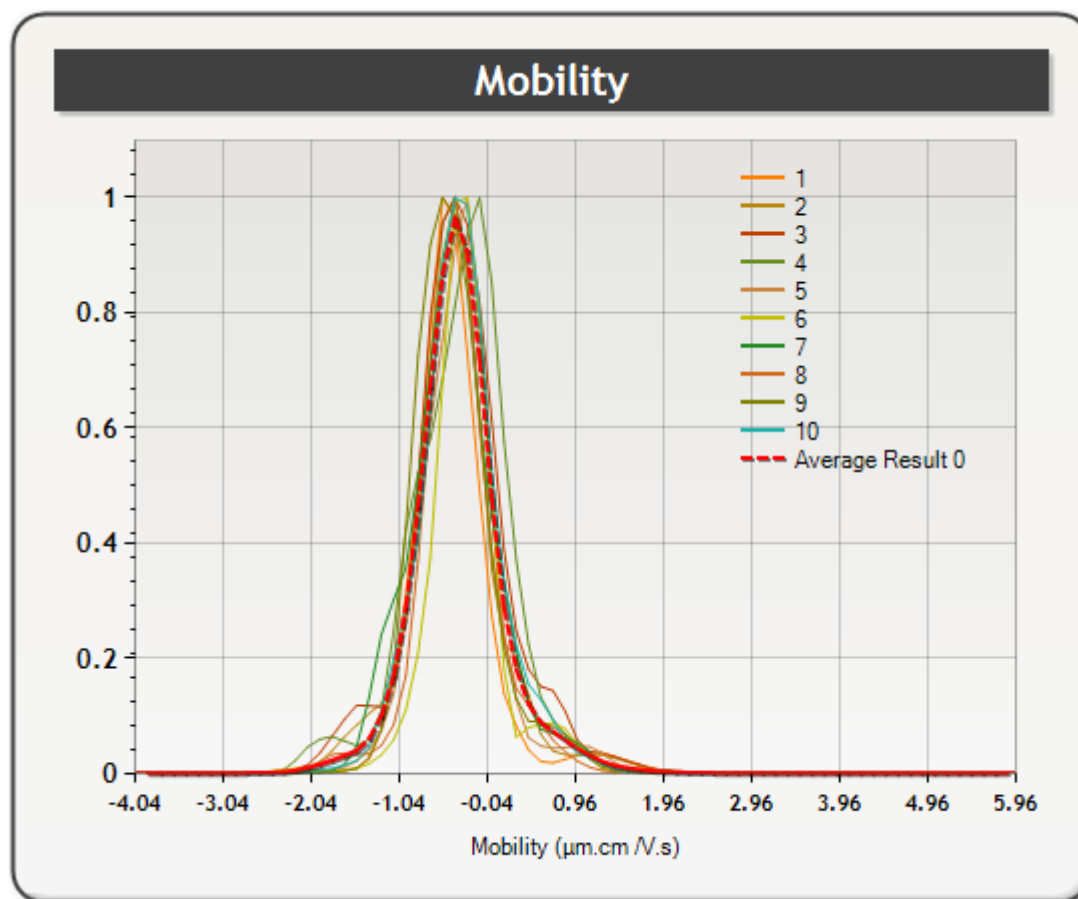
Conductivity indicator : 4.7 V

Applied field : 19.05 V/cm

Reference intensity : 700 kcps

Scattering intensity : 704 kcps

Carrier frequency : 8015 Hz



Values

| # | Valid | Raw | | Fit | | | |
|-----|-------|-----------------------------------|-----------|-----------------------------------|------|-----------|------|
| | | μ ($\mu\text{m.cm/V.s}$) | Z (mV) | μ ($\mu\text{m.cm/V.s}$) | S | Z (mV) | S |
| Avg | | -0.4 | -5.2 | -0.4 | 0.36 | -5.2 | 4.62 |
| 1 | p | -0.56 | -7.17 | -0.5 | 0.31 | -6.37 | 4.03 |
| 2 | p | -0.56 | -7.17 | -0.44 | 0.35 | -5.7 | 4.47 |
| 3 | p | -0.42 | -5.38 | -0.39 | 0.42 | -5.02 | 5.37 |
| 4 | p | -0.14 | -1.79 | -0.27 | 0.44 | -3.5 | 5.66 |
| 5 | p | -0.28 | -3.59 | -0.38 | 0.34 | -4.86 | 4.35 |
| 6 | p | -0.42 | -5.38 | -0.33 | 0.29 | -4.25 | 3.68 |
| 7 | p | -0.42 | -5.38 | -0.44 | 0.38 | -5.7 | 4.94 |
| 8 | p | -0.42 | -5.38 | -0.41 | 0.32 | -5.31 | 4.05 |
| 9 | p | -0.56 | -7.17 | -0.5 | 0.37 | -6.48 | 4.81 |
| 10 | p | -0.28 | -3.59 | -0.37 | 0.37 | -4.81 | 4.81 |