



Operator (Report): ZetaView  
Video Operator: ZetaView

**Sample Parameters**

Sample Name: polystylen201600303\_newmodel00\_zeta  
Comment: Sensitivity90\_Shutter50\_air20-30ml\_3000rpm\_10min\_1000cc  
Electrolyte: , Concentration: 0.000 N  
Temperature: 24.01 °C sensed  
pH 7.0 entered  
Conductivity: 19.43 µS/cm sensed

**Result**

Mobility:  $-1.94 \pm 0.15 \mu\text{m}/\text{sec}/\text{V}/\text{cm}$ , @ 25°C:  $-1.97 \mu\text{m}/\text{sec}/\text{V}/\text{cm}$   
ZP Factor 13.0 (Smoluchowski):  
Zeta Potential @ 25 °C:  $-25.26 \pm 1.95 \text{ mV}$   
Zeta Potential Distribution:  $-25.26 \text{ mV}$  FWHM 14.08 (SL1/2)  
Concentration  $1.2\text{E}+8$  Particles / mL  
Original Concentration  $1.2\text{E}+8$  Particles / cm<sup>3</sup>

**Measurement Parameters**

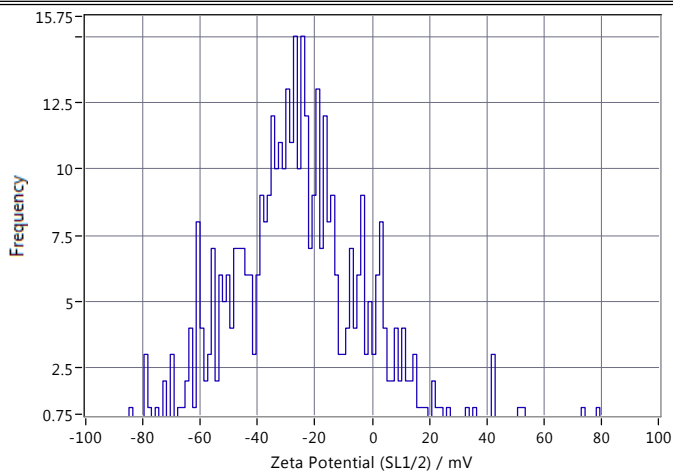
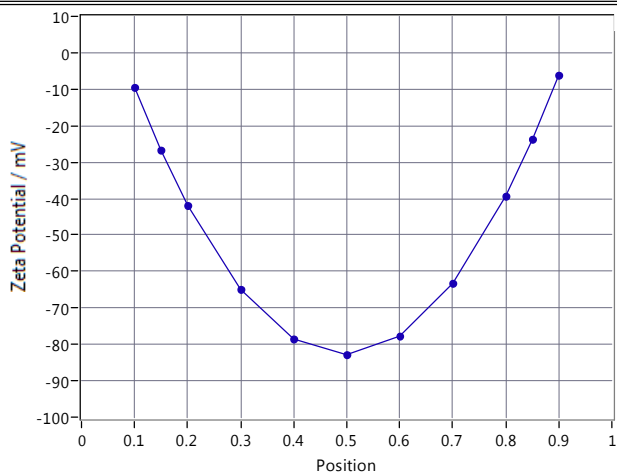
Cell S/N: CA0070\_0092b  
Sensed Electric Field: 2.99 V/cm  
**Measurement Mode: Profile 11 Positions**

**Quality**

Number of Traced Particles: 2264  
ΔSL: 2.93 mV  
Profile Quality: 10 / 11

**Analysis Parameters**

Max Size: 1000, Min Size: 5, Min Brightness: 20



**Stationary Layers Zeta Potential / mV**

SL1: 0.149 -26.727  
SL2: 0.851 -23.797

**Profile Details (Columns 2 ... 5 in mV)**

Position	Positive V	Negative V	Average	Parabola Fit
0.1	-12.1	-8.0	-10.1	-9.5
0.1	-30.0	-26.2	-28.1	-26.7
0.2	-46.7	-36.0	-41.3	-41.9
0.3	-71.2	-54.3	-62.7	-64.9
0.4	-84.8	-67.6	-76.2	-78.6
0.5	-91.5	-80.2	-85.8	-82.8
0.6	-21.6	0.2	-10.7	-77.7
0.7	-76.5	-56.2	-66.4	-63.2
0.8	-44.1	-30.2	-37.2	-39.4
0.9	-28.1	-14.8	-21.5	-23.8
0.9	-9.6	-6.3	-7.9	-6.2



Comment

(Signature)