

**Condition Summary**

S/N : 123909

User : Common	Group :	Repetition : 1/1
Date : 12/23/2015	File Name : Formula II_20151223_143655	
Time : 14:36:55	Sample Information :	
SOP Name : mahasiswa	Security : No Security	

Version 2.31 / 2.03

**Measurement Condition**

Sampling Time	: 200	(μs)	Correlation Method	: TD	
Correlation Channel	: 512	(ch)	Accumulation times	: 10	(times)
Scattering Angle	: 34.1	(°)	Temperature	: 25.0	(°C)
Intensity	: 119687	(cps)	Attenuator 1	: 65.58	(%)
Cell Center	: X: 5.730	(mm)	Attenuator 2	: 3.360	(%)
	: Z: 6.000	(mm)	Pinhole	: 50	(μm)
Cell Constant	: 5.000	(1/cm)			
Apply Voltage Type	: POSITIVE				

**Electric Field**

Avg. Electric Field	: 11.38	(V/cm)	Avg. Current	: 2.05	(mA)
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**Diluent Properties**

Diluent Name	: WATER	Dielectric Constant	: 78.3	
Refractive Index	: 1.3328	Viscosity	: 0.8878	(cP)

**Analysis Results**

Zeta Potential	: 0.12	(mV)	Zeta Potential of Cell (Upper)	: 0.00	(mV)
Mobility	: 9.162e-007	(cm <sup>2</sup> /Vs)	Zeta Potential of Cell (Lower)	: 0.00	(mV)
Conductivity	: 0.6393	(mS/cm)	Base Frequency	: 252.6	(Hz)

**Analysis Parameters**

Lorentz Fitting	: 1 peak
Conversion Equation	: Smoulchowski

**Peak Value Table**

No.	Cell Position	Electric Field (V/cm)	Mobility (cm <sup>2</sup> /Vs)
1	0.00 mm	11.4	9.162e-007
Average		11.4	9.162e-007