



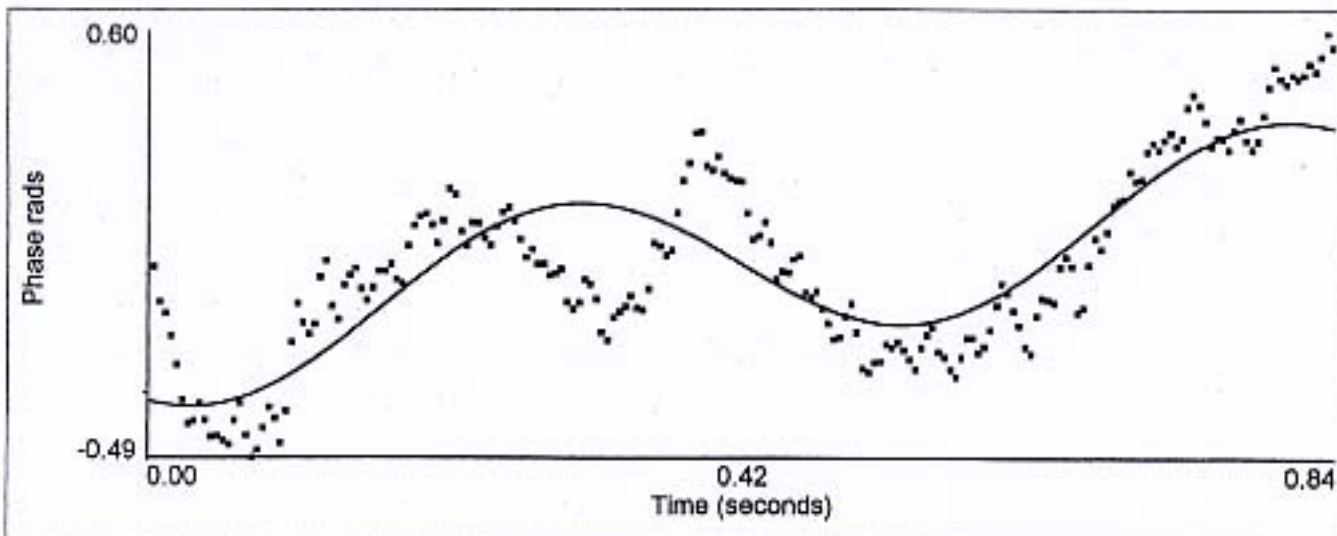
Sample ID **Blank 0.1um filt. DI H2O (Combined)**
 Operator ID **W.Bernt**
 Notes **blank sample, test for instrument validation**

Measurement Parameters:

Mean Zeta Potential	= 3.65e-02 mv	Liquid	= Aqueous
Zeta Potential Model	= Smoluchowski	Temperature	= 25.0 °C
Mean Mobility	= 2.85e-03 (μ/s) / (V/cm)	Viscosity	= 0.890 cP
pH	= 7.00	Refractive Index	= 1.330
Conductance	= 9 μS	Dielectric Constant	= 78.54
Concentration	= 1.00 mg/mL	Particle Size	= 1.0 nm

Instrument Parameters:

Sample Count Rate	= 10 kcps	Voltage	= 120.00 volts
Ref. Count Rate	= 4490 kcps	Electric Field	= 332.51 V/cm
Wavelength	= 678.0 nm	User1	= 0.00
Field Frequency	= 2.00 Hz	User2	= 0.00



Blank 0.1um filt. DI H2O (Combined)

Run	Mobility	Zeta Potential (mV)	Rel. Residual
1	-1.90e-03	-2.43e-02	0.0139
2	2.39e-03	3.06e-02	0.0095
3	8.07e-03	1.03e-01	0.0187
Mean	2.85e-03	3.65e-02	0.0140
Std. Error	2.89e-03	3.70e-02	0.0026
Combined	3.66e-03	4.68e-02	0.0091