

# Zeta Potential Report

v2.3



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## Sample Details

**Sample Name:** G1 F1 T0 07.11

**SOP Name:** mansettings.nano

**General Notes:**

<b>File Name:</b> zeta	<b>Dispersant Name:</b> Water
<b>Record Number:</b> 1 January, 2010 05:44:36	<b>Dispersant RI:</b> 1.330
<b>Date and Time:</b>	<b>Viscosity (cP):</b> 0.8872
	<b>Dispersant Dielectric Constant:</b> 78.5

## System

<b>Temperature (°C):</b> 25.0	<b>Zeta Runs:</b> 12
<b>Count Rate (kcps):</b> 274.8	<b>Measurement Position (mm):</b> 2.00
<b>Cell Description:</b> Clear disposable zeta cell	<b>Attenuator:</b> 8

## Results

	Mean (mV)	Area (%)	St Dev (mV)
<b>Zeta Potential (mV):</b> -0.326	<b>Peak 1:</b> 4.63	87.7	2.29
<b>Zeta Deviation (mV):</b> 13.4	<b>Peak 2:</b> -35.6	12.3	2.46
<b>Conductivity (mS/cm):</b> 2.48e-4	<b>Peak 3:</b> 0.00	0.0	0.00
<b>Result quality:</b> Good			

