

## Zeta Potential Report

### Sample Details

**Sample Name:** -50mV +/- 5mV  
**SOP Name:** zeta standard.sop  
**General Notes:** PERFORMANCE VERIFICATION Malvern Zeta Standard  
 Per PTL TM# ZNZP105.01  
 Analyst: AG PTL ID: SRM 445  
  
**File Name:** pv0506.dts **Dispersant Name:** Water  
**Record Number:** 47 **Dispersant RI:** 1.330  
**Date and Time:** Wednesday, May 31, 2006 3:06:35 PM **Viscosity (cP):** 0.8872  
**Dispersant Dielectric Constant:** 78.5

### System

**Temperature (°C):** 25.0 **Zeta Runs:** 30  
**Count Rate (kcps):** 2877.0 **Measurement Position (mm):** 2.00  
**Cell Description:** Disposable Zeta cell **Attenuator:** 10

### Results

	Mean (mV)	Area (%)	Width (mV)
<b>Zeta Potential (mV):</b> -50.1	<b>Peak 1:</b> -44.1	100.0	6.11
<b>Zeta Deviation (mV):</b> 30.8	<b>Peak 2:</b> 0.00	0.0	0.00
<b>Conductivity (mS/cm):</b> 0.358	<b>Peak 3:</b> 0.00	0.0	0.00

