

# Zeta Potential Report

v2.3



Malvern Instruments Ltd - © Copyright 2008

## Sample Details

**Sample Name:** LEN-0.0017-30 1

**SOP Name:** mansettings.nano

**General Notes:**

<b>File Name:</b> LEN-1.dts	<b>Dispersant Name:</b> Water
<b>Record Number:</b> 6	<b>Dispersant RI:</b> 1.330
<b>Date and Time:</b> Thursday, July 06, 2023 3:10:00 ...	<b>Viscosity (cP):</b> 0.8872
<b>Dispersant Dielectric Constant:</b> 78.5	

## System

<b>Temperature (°C):</b> 25.0	<b>Zeta Runs:</b> 10
<b>Count Rate (kcps):</b> 282.8	<b>Measurement Position (mm):</b> 2.00
<b>Cell Description:</b> Clear disposable zeta cell	<b>Attenuator:</b> 9

## Results

	Mean (mV)	Area (%)	St Dev (mV)
<b>Zeta Potential (mV):</b> -25.5	<b>Peak 1:</b> -25.5	100.0	5.90
<b>Zeta Deviation (mV):</b> 5.90	<b>Peak 2:</b> 0.00	0.0	0.00
<b>Conductivity (mS/cm):</b> 0.0534	<b>Peak 3:</b> 0.00	0.0	0.00

**Result quality :** Good

