

# Zeta Potential Report

v2.2



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## Sample Details

**Sample Name:** UCNP@SiO<sub>2</sub>-N3 1

**SOP Name:** mansettings.nano

**General Notes:**

<b>File Name:</b> vtest.dts	<b>Dispersant Name:</b> Water
<b>Record Number:</b> 4	<b>Dispersant RI:</b> 1,330
<b>Date and Time:</b> Freitag, 11. November 2011 1...	<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> 103,4	<b>Measurement Position (mm):</b> 2,00
<b>Cell Description:</b> Clear disposable zeta c...	<b>Attenuator:</b> 5

## Results

	Mean (mV)	Area (%)	Width (mV)
<b>Zeta Potential (mV):</b> -11,1	<b>Peak 1:</b> -11,9	89,2	5,12
<b>Zeta Deviation (mV):</b> 5,95	<b>Peak 2:</b> -0,312	10,8	2,39
<b>Conductivity (mS/cm):</b> 0,00790	<b>Peak 3:</b> 0,00	0,0	0,00

**Result quality** Good

