

Zeta Potential Report

v2.3



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Sample Details

Sample Name: -42mV +/- 4.2mV Zeta Potential Transfer Standard Average

SOP Name: PTL-Zeta Potential Transfer Standard.sop

General Notes: PTL
TM# ZNZP105.04
Chemist: NG Lot:061701
Particle Technology Labs SRM:3007

File Name: PV 2017-07-10.dts

Dispersant Name: Water

Record Number: 6

Dispersant RI: 1.330

Date and Time: Monday, July 10, 2017 9:39:47 AM

Viscosity (cP): 0.8872

Dispersant Dielectric Constant: 78.5

System

Temperature (°C): 25.0

Zeta Runs: 12

Count Rate (kcps): 60.1

Measurement Position (mm): 2.00

Cell Description: Clear disposable zeta cell

Attenuator: 10

Results

	Mean (mV)	Area (%)	St Dev (mV)
Zeta Potential (mV): -42.0	Peak 1: -42.0	100.0	5.02
Zeta Deviation (mV): 4.76	Peak 2: 0.00	0.0	0.00
Conductivity (mS/cm): 0.341	Peak 3: 0.00	0.0	0.00

