

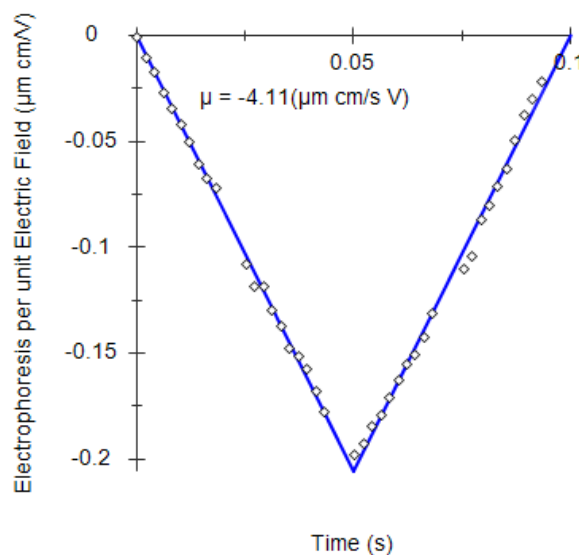
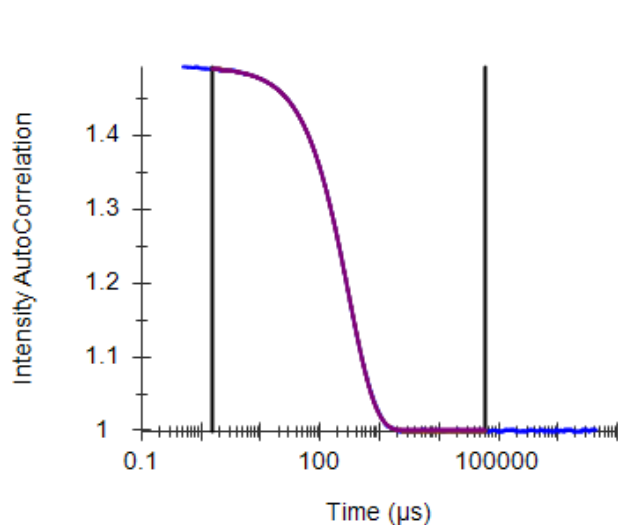
# Certificate of Analysis

## Batch ELS Mobility Standard

Polystyrene latex spheres suspended in 10 mM sodium phosphate, pH 7.2, at 0.004% w/v  
( $\sim 3 \times 10^9$  particles/mL)

Wyatt p/n: 900115  
Lot Number: WP082023

Prepared by: Wyatt Technology Corporation  
Expires: 31 Aug 2024  
Storage: 2-8 °C after opening, DO NOT FREEZE



Standard characterization data by Wyatt Mobius™:

Sample was measured neat at 25 °C.

Electrophoretic mobility  $\mu_E = (-4.1 \pm 0.5) (\mu\text{m cm})/(\text{V s})$

Conductivity  $\sigma = (1.38 \pm 0.05) \text{ mS/cm}$

Standard characterization data by Wyatt Mobius and DynaPro® dynamic light scattering instruments:

Sample was measured neat at 25 °C.

$R_h$  (Cumulants) =  $(143 \pm 3) \text{ nm}$

$R_h$  (Regularization) =  $(146 \pm 5) \text{ nm}$

Certification: Michelle Chen  
Michelle Chen  
VP, Analytical Sciences

Date: 06 Sep 2023