



6330 Hollister Avenue
Santa Barbara, CA 93117
Tel. (805) 681-9009
Fax (805) 681-0123
email: info@wyatt.com
www.wyatt.com

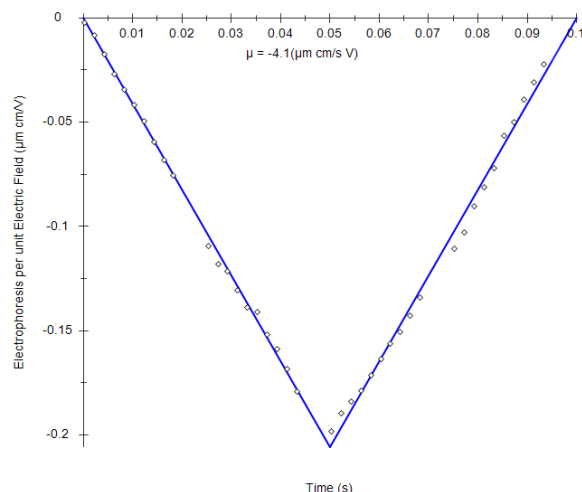
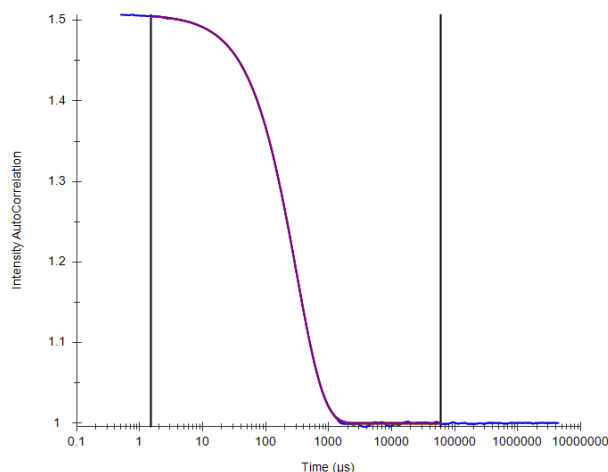
Certificate of Analysis

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: WP062021

Prepared by: Wyatt Technology Corporation
Expires: 09 Dec 2023
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) = $(144 \pm 2) \text{ nm}$

R_h (Regularization) = $(148 \pm 4) \text{ nm}$

Certification: Sophia Kenrick
Sophia Kenrick
Director of Analytical Sciences

Date: 09 Dec 2022