

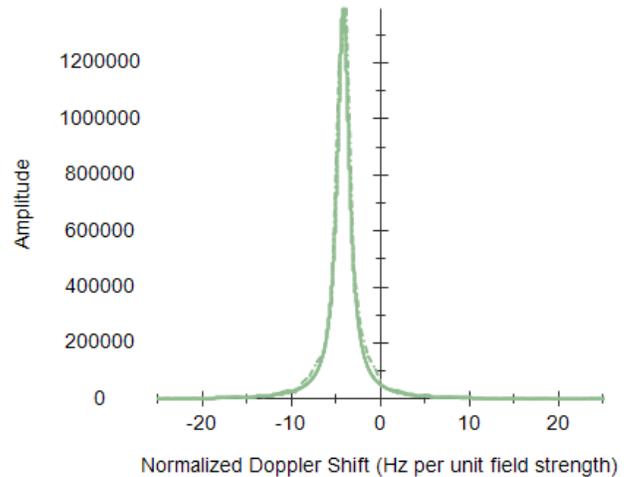
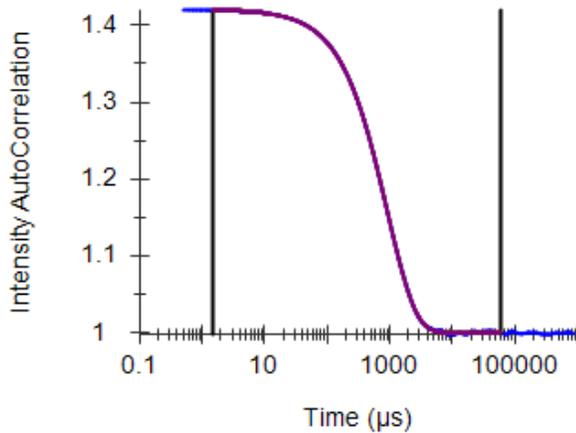
Certificate of Analysis

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: WP122024

Prepared by: Wyatt Technology, LLC
 Expires: 19 Dec 2025
 Storage: 2-8 °C after opening, DO NOT FREEZE



Standard characterization data by Wyatt electrophoretic light scattering instruments:

Sample was measured neat at 25 °C.

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

Conductivity $\sigma = (1.39 \pm 0.05) \text{ mS/cm}$

Standard characterization data by Wyatt DynaPro™ dynamic light scattering instruments:

Sample was measured neat at 25 °C.

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

R_h (Regularization) = $(147 \pm 5) \text{ nm}$

Certification: Sophia Kenrick
 Sophia Kenrick
 Head of Analytical Sciences

Date: 19 Dec 2024

© 2024 Wyatt Technology, LLC. All rights reserved.
 One or more of Wyatt Technology's trademarks may appear in this publication. Notably, DynaPro is a trademark of Wyatt Technology, LLC. For a list of Wyatt Technology trademarks, please see <https://www.waters.com/nextgen/us/en/about-waters/corporate-governance/trademarks.html>. All other trademarks are the property of their respective owners.