

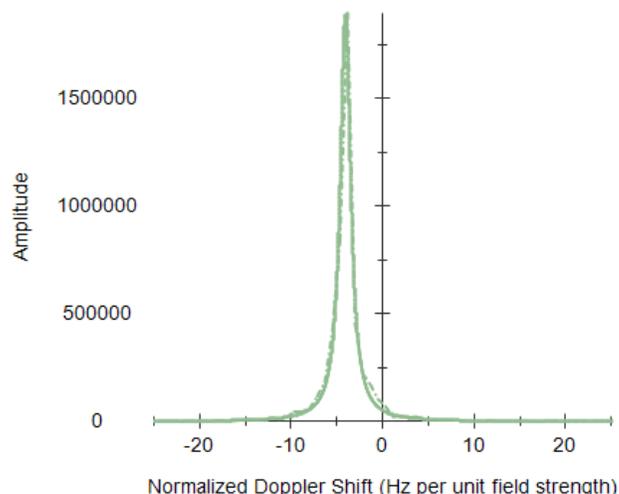
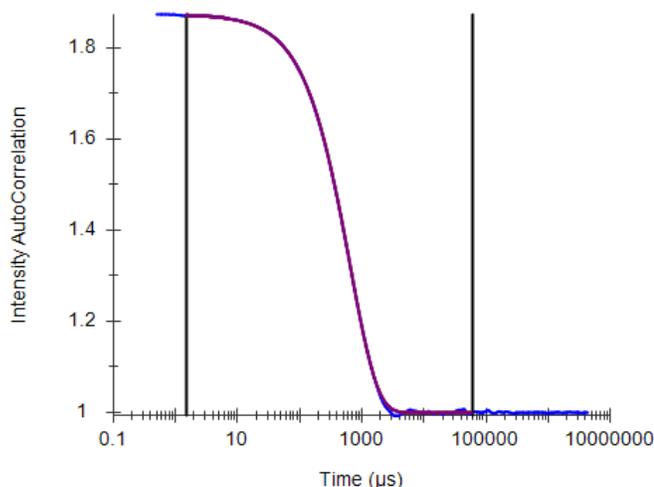
# Certificate of Analysis

## Batch ELS Mobility Standard

Polystyrene latex spheres suspended in 10 mM sodium phosphate, pH 7.2, at 0.004% w/v (~3×10<sup>9</sup> particles/mL)

Wyatt p/n: 900115  
 Lot Number: WP072025

Prepared by: Wyatt Technology, LLC  
 Expires: 04 Aug 2026  
 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  $\mu_E = (-4.2 \pm 0.5) (\mu\text{m cm})/(\text{V s})$

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

### Standard characterization data by Wyatt 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: Sophia Kenrick  
 Sophia Kenrick  
 Director of Analytical Sciences

Date: 04 Aug 2025

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