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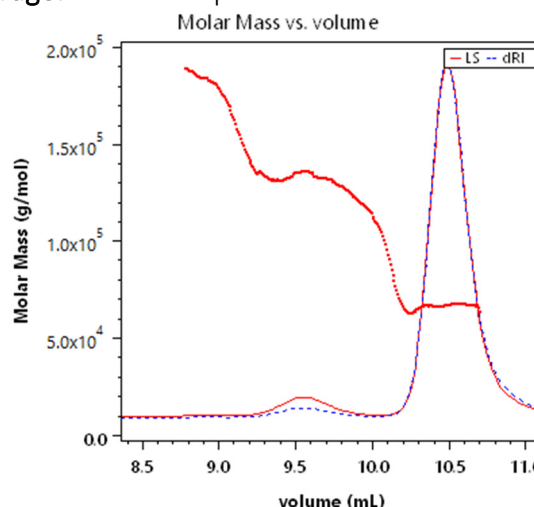
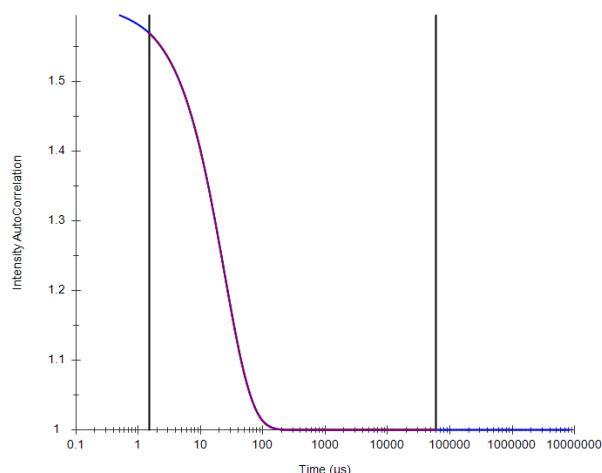
Certificate of Analysis

Bovine Serum Albumin (BSA) Ampule

BSA monomer: $M = 66.4$ kDa; $R_h = 3.5$ nm; intrinsic viscosity, $[\eta] = 4.1$ mL/g; $dn/dc = 0.185$ mL/g; extinction coefficient at 280 nm, $\epsilon = 0.667$ mL/(mg cm); $A_2 = 1.0 \times 10^{-4}$ (mol mL)/g² in PBS, pH 7

Wyatt p/n: 900113
Lot Number: XH347885

Manufactured by: Thermo Scientific®
Expires: 07 Dec 2023
Storage: Room temperature



Standard characterization data by Wyatt DynaPro® NanoStar® instrument or Plate Reader:

Solution filtered through 0.02 μm Anotop® filter

R_h (Cumulants) = (3.8 ± 0.1) nm

R_h (Regularization) = (4.1 ± 0.1) nm

Solution filtered through 0.2 μm Anotop filter

R_h (Cumulants) = (4.0 ± 0.1) nm

R_h (Regularization) = (3.9 ± 0.2) nm

Standard characterization data by Wyatt MALS detector following SEC separation (WTC-30S5 with PBS at 0.5 mL/min):

Solution filtered through 0.02 μm Anotop filter

Monomer mass fraction = (95.5 ± 0.3) %

M_w (including aggregates) = (69.7 ± 0.5) kDa

Solution filtered through 0.2 μm Anotop filter

Monomer mass fraction = (96.3 ± 0.6) %

M_w (including aggregates) = (69.5 ± 0.1) kDa

Certification:

Sophia Kenrick

Date:

07 Dec 2022

Sophia Kenrick
Director of Analytical Sciences



WYATT
TECHNOLOGY

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