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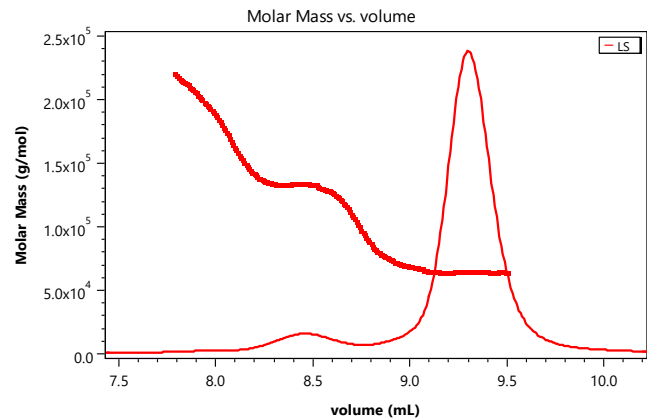
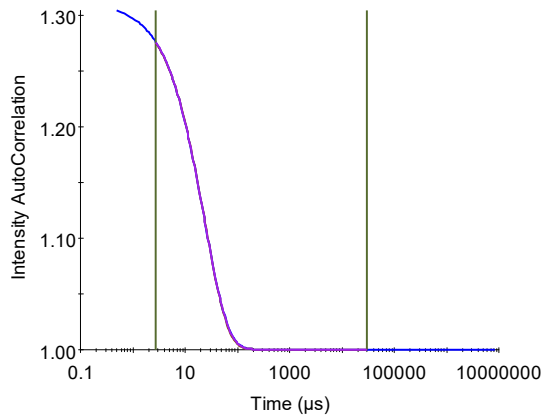
Certificate of Analysis

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: VB295492

Manufactured by: Thermo Scientific®
 Expires: 6/26/2021
 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) = (3.9 ± 0.1) nm

Solution filtered through 0.2 µm Anotop filter

R_h (Cumulants) = (4.3 ± 0.1) nm

R_h (Regularization) = (3.9 ± 0.1) nm

Standard characterization data by Wyatt MALS detector following SEC separation (WTC-030S5 with PBS at 0.5 mL/min):

Solution filtered through 0.02 µm Anotop filter

Monomer mass fraction = (95.2 ± 0.2) %

M_w (including aggregates) = (70.6 ± 0.1) kDa

Solution filtered through 0.2 µm Anotop filter

Monomer mass fraction = (94.8 ± 0.2) %

M_w (including aggregates) = (71.5 ± 0.5) kDa

Certification: Sophia Kenrick
 Sophia Kenrick
 Director of Analytical Services

Date: 6/25/2020