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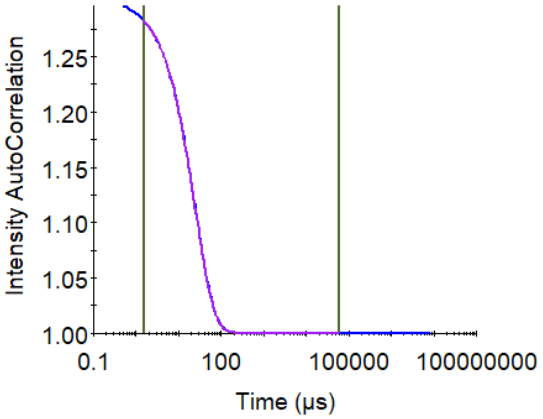
Certificate of Analysis

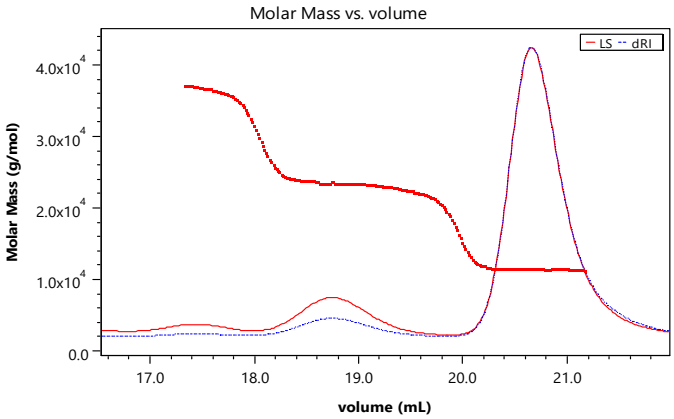
Bovine Serum Albumin (BSA) Ampule

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, ε = 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: WG330272

Manufactured by: Thermo Scientific®
Expires: 14 Dec 2022
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) = **(3.9 ± 0.1) nm**

R_h (Regularization) = **(4.2 ± 0.1) nm**

Solution filtered through 0.2 µm *Anotop filter*

R_h (Cumulants) = **(4.5 ± 0.1) nm**

R_h (Regularization) = **(4.2 ± 0.2) 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 = (89.9 ± 0.6) %

M_w (including aggregates) = **(77.2 ± 0.7) kDa**

Solution filtered through 0.2 µm *Anotop filter*

Monomer mass fraction = (89.0 ± 0.6) %

M_w (including aggregates) = **(89.0 ± 12.6) kDa**

Certification: Sophia Kenrick

Sophia Kenrick
Director of Analytical Sciences

Date: 14 Dec 2021