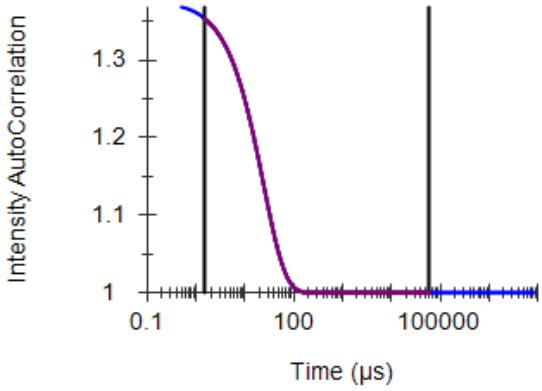
Certificate of Analysis

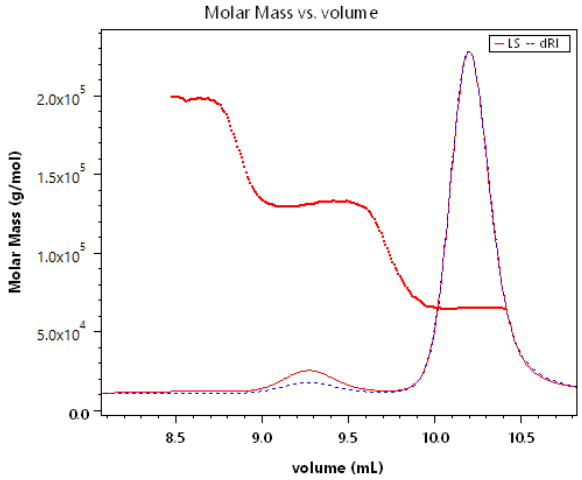
Bovine Serum Albumin (BSA) Ampule

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: ZD398007

Manufactured by: Thermo Scientific™
Expires: 19 Dec 2025
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) = (3.7 ± 0.1) nm R_h (Regularization) = (3.9 ± 0.1) nm

Solution filtered through 0.2 µm *Anotop filter*

R_h (Cumulants) = (3.9 ± 0.1) nm R_h (Regularization) = (3.9 ± 0.1) nm

Standard characterization data by Wyatt MALS detector following SEC separation (186009962 with PBS at 0.5 mL/min):

Solution filtered through 0.02 µm *Anotop filter*

Monomer mass fraction = (95.1 ± 0.3) % M_w (including aggregates) = (70.2 ± 0.4) kDa

Solution filtered through 0.2 µm *Anotop filter*

Monomer mass fraction = (95.6 ± 0.4) % M_w (including aggregates) = (70.1 ± 0.2) kDa

Certification: Sophia Kenrick Date: 19 Dec 2024

Sophia Kenrick
Head of Analytical Sciences

6330 Hollister Ave, Santa Barbara, CA 93117 USA **T** 805.681.9009 **F** 805.681.0123 waters.com/wyatt