



6330 Hollister Avenue
Santa Barbara, CA 93117
Tel. (805) 681-9009
Fax (805) 681-0123
email: info@wyatt.com
www.wyatt.com

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

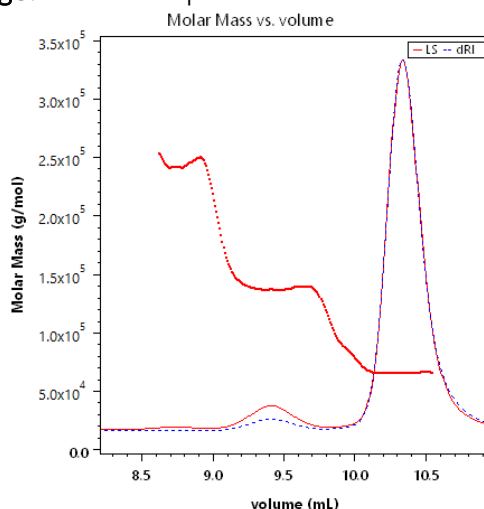
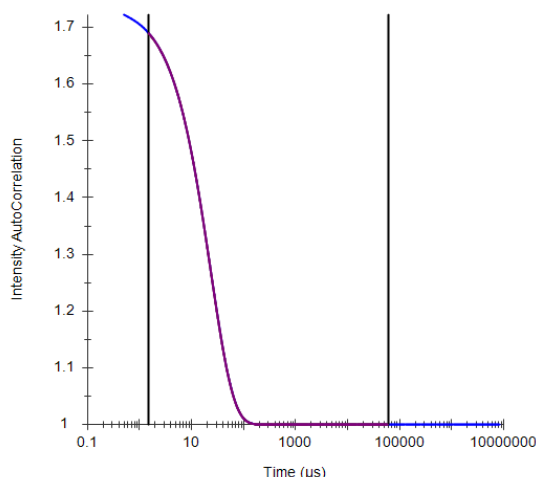
Wyatt p/n: 900113

Lot Number: XA339347

Manufactured by: Thermo Scientific®

Expires: 2023 Apr 18

Storage: Room temperature



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

Solution filtered through 0.02 μ m Anotop® filter

R_h (Cumulants) = (3.6 ± 0.1) nm

R_h (Regularization) = (3.7 ± 0.1) nm

Solution filtered through 0.2 μ m Anotop filter

R_h (Cumulants) = (4.1 ± 0.1) nm

R_h (Regularization) = (3.9 ± 0.1) 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 μ m Anotop filter

Monomer mass fraction = (96.0 ± 0.4) %

M_w (including aggregates) = (70.5 ± 0.2) kDa

Solution filtered through 0.2 μ m Anotop filter

Monomer mass fraction = (95.1 ± 0.2) %

M_w (including aggregates) = (71.0 ± 0.3) kDa

Certification:

Sophia Kenrick

Sophia Kenrick

Director of Analytical Sciences

Date:

2022 Apr 18