



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

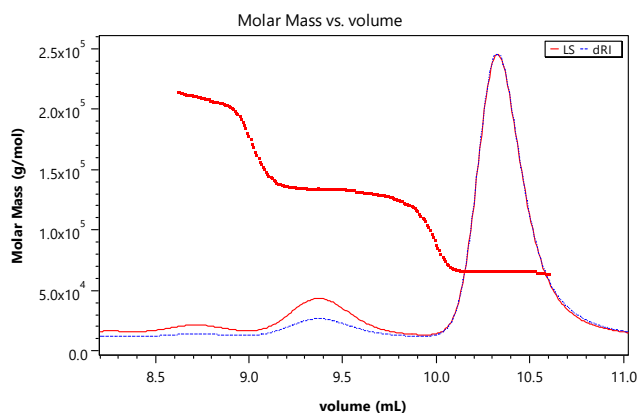
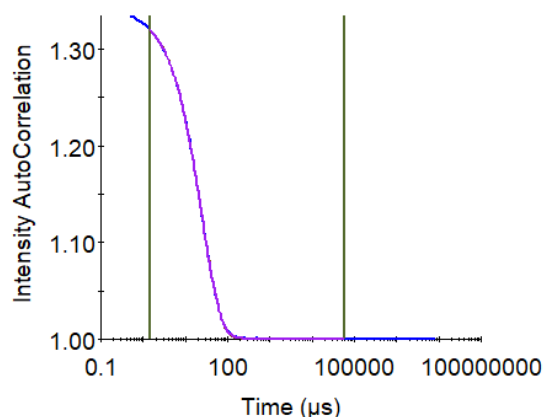
# Certificate of Analysis

## 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)/g<sup>2</sup> in PBS, pH 7

Wyatt p/n: 900113  
Lot Number: WF329719

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) =  $(3.9 \pm 0.1)$  nm

$R_h$  (Regularization) =  $(4.2 \pm 0.1)$  nm

*Solution filtered through 0.2 μm Anotop filter*

$R_h$  (Cumulants) =  $(4.5 \pm 0.1)$  nm

$R_h$  (Regularization) =  $(4.2 \pm 0.2)$  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 =  $(89.0 \pm 0.3)$  %

$M_w$  (including aggregates) =  $(78.4 \pm 0.3)$  kDa

*Solution filtered through 0.2 μm Anotop filter*

Monomer mass fraction =  $(88.9 \pm 0.1)$  %

$M_w$  (including aggregates) =  $(80.1 \pm 0.8)$  kDa

Certification: Sophia Kenrick  
Sophia Kenrick  
Director of Analytical Sciences

Date: 14 Dec 2021