

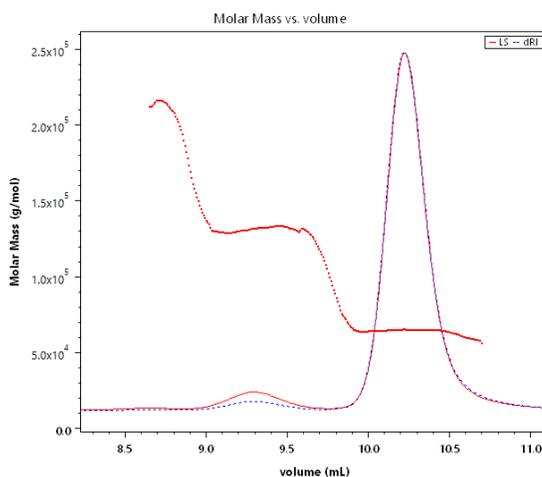
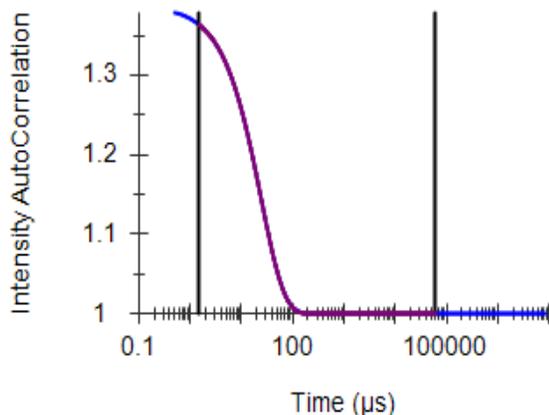
# Certificate of Analysis

## 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: ZJ407478

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) =  $(3.8 \pm 0.1)$  nm

$R_h$  (Regularization) =  $(4.0 \pm 0.2)$  nm

*Solution filtered through 0.2 µm Anotop filter*

$R_h$  (Cumulants) =  $(4.0 \pm 0.1)$  nm

$R_h$  (Regularization) =  $(3.9 \pm 0.2)$  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 =  $(96.0 \pm 0.2)$  %

$M_w$  (including aggregates) =  $(69.5 \pm 0.1)$  kDa

*Solution filtered through 0.2 µm Anotop filter*

Monomer mass fraction =  $(96.0 \pm 0.3)$  %

$M_w$  (including aggregates) =  $(69.9 \pm 0.3)$  kDa

Certification:

*Sophia Kenrick*

Date:

19 Dec 2024

Sophia Kenrick  
Head of Analytical Sciences