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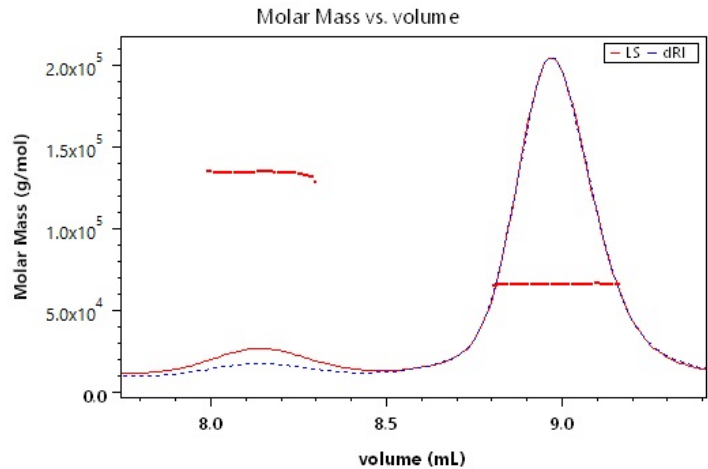
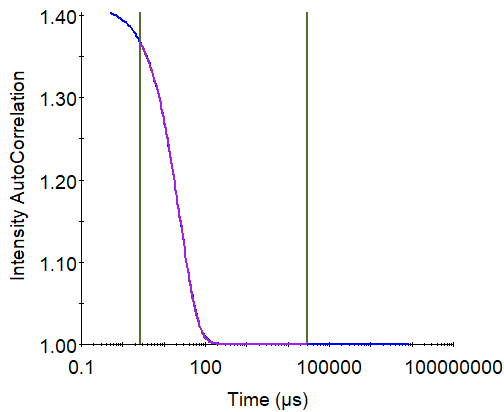
# Certificate of Analysis

## 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,  $\epsilon = 0.667$  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: VG298380

Manufactured by: Thermo Scientific®  
 Expires: 9/14/2021  
 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) =  $(4.0 \pm 0.1)$  nm

*Solution filtered through 0.2 µm Anotop filter*

$R_h$  (Cumulants) =  $(4.3 \pm 0.1)$  nm

$R_h$  (Regularization) =  $(3.9 \pm 0.1)$  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 =  $(94.0 \pm 0.1)$  %

$M_w$  (including aggregates) =  $(72.0 \pm 0.2)$  kDa

*Solution filtered through 0.2 µm Anotop filter*

Monomer mass fraction =  $(93.9 \pm 0.1)$  %

$M_w$  (including aggregates) =  $(72.4 \pm 0.1)$  kDa

Certification: Sophia Kenrick  
 Sophia Kenrick  
 Director of Analytical Services

Date: 9/14/2020