

## ASTRA Report BSA\_monomer\_SASBDB\_S200\_Increase\_HEPES

**File Properties****Name:** BSA\_monomer\_SASBDB\_S200\_Increase\_HEPES.afe7**Sample:** BSA\_monomers**Configuration****Concentration Source:** RI**Flow Rate:** 0.500 mL/min**Light Scattering Instrument:** TREOS**Temperature Control:** no**Cell Type:** Fused Silica**Wavelength:** 659.0 nm**Calibration Constant:**  $4.9533 \times 10^{-5}$  1/(V cm)**RI Instrument:** rEX**UV Instrument:** UV**QELS:****Use QELS Temperature Probe:** yes**Model:** Wyatt QELS+**Solvent:** 50 mM HEPES 150 mM NaCl 2% glycerol pH 7**Refractive Index:** 1.338**Viscosity:** 0.948 cP**Processing****Collection Time:** Friday, April 05, 2019 14:29:39 PM**Processing Time:** Tuesday, May 26, 2020 18:26:44 PM**Peak settings:**

<b>Peak Name</b>	Peak 1
<b>Light Scattering Model</b>	Zimm
<b>Fit Degree</b>	1
<b>dn/dc (mL/g)</b>	0.1852
<b>A2 (mol mL/g<sup>2</sup>)</b>	0.000

**Results****Peak Results****Peak 1****Hydrodynamic radius (Q) moments (nm)**

rh(Q)z 3.523 (±1.653%)

rh(Q)(avg) 3.507 (±0.221%)

**Molar mass moments (g/mol)**Mn  $6.302 \times 10^4$  (±0.123%)

Peak 1	
<b>Mp</b>	$6.302 \times 10^4$ ( $\pm 0.094\%$ )
<b>Mv</b>	n/a
<b>Mw</b>	$6.302 \times 10^4$ ( $\pm 0.123\%$ )
<b>Mz</b>	$6.302 \times 10^4$ ( $\pm 0.276\%$ )
<b>M(avg)</b>	$6.300 \times 10^4$ ( $\pm 0.011\%$ )
<b>Polydispersity</b>	
<b>Mw/Mn</b>	1.000 ( $\pm 0.175\%$ )
<b>Mz/Mn</b>	1.000 ( $\pm 0.302\%$ )