

ASTRA Report BSA_dimers_SASBDB_S200_Increase_HEPES_2

**File Properties****Name:** BSA_dimers_SASBDB_S200_Increase_HEPES_2.afe7**Sample:** BSA_dimers**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:** 4.9533×10^{-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 13:23:14 PM**Processing Time:** Wednesday, July 10, 2019 13:29:39 PM**Peak settings:**

| | |
|----------------------------------|--------|
| Peak Name | Peak 1 |
| Light Scattering Model | Zimm |
| Fit Degree | 1 |
| dn/dc (mL/g) | 0.1850 |
| A2 (mol mL/g²) | 0.000 |

Results**Peak Results****Peak 1****Hydrodynamic radius (Q) moments (nm)****rh(Q)z** 4.898 (±2.108%)**rh(Q)(avg)** 4.611 (±0.203%)**Molar mass moments (g/mol)****Mn** 1.257×10^5 (±0.103%)**Mp** 1.257×10^5 (±0.109%)**Mv** n/a

| | |
|-----------------------|------------------------------------|
| | Peak 1 |
| Mw | 1.257×10 ⁵ (±0.103%) |
| Mz | 1.257×10 ⁵ (±0.230%) |
| M(avg) | 1.257×10 ⁵ (±0.008%) |
| Polydispersity | |
| Mw/Mn | 1.000 (±0.146%) |
| Mz/Mn | 1.000 (±0.252%) |