

ASTRA Report Alcohol_dehydrogenase_SASBDB_S200_Increase_HEPES

**File Properties****Name:** Alcohol_dehydrogenase_SASBDB_S200_Increase_HEPES.afe7**Sample:** Alcohol_dehydrogenase**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:****Description:** 50 mM HEPES 150 mM NaCl 2% v/v glycerol pH 7**Refractive Index:** 1.338**Viscosity:** 0.948 cP**Processing****Collection Time:** Friday, April 05, 2019 15:35:02 PM**Processing Time:** Monday, April 08, 2019 14:40:16 PM**Peak settings:**

Peak Name	Peak 1
Light Scattering Model	Zimm
Fit Degree	1
dn/dc (mL/g)	0.1842
A2 (mol mL/g²)	0.000

Results**Peak Results****Peak 1****Hydrodynamic radius (Q) moments (nm)****rh(Q)z** 4.541 (±1.665%)**rh(Q)(avg)** 4.531 (±0.207%)**Molar mass moments (g/mol)****Mn** 1.416×10^5 (±0.166%)**Mp** 1.415×10^5 (±0.191%)

	Peak 1	
Mv	n/a	
	1.416×10 ⁵	
Mw	(±0.166%)	
	1.416×10 ⁵	
Mz	(±0.371%)	
	1.416×10 ⁵	
M(avg)	(±0.010%)	
Polydispersity		
Mw/Mn	1.000	(±0.235%)
Mz/Mn	1.000	(±0.407%)