

ASTRA Report PPARG_1_lowsalt

**File Properties****Name:** PPARG_1_lowsalt.afe7**Directory:** C:\Users\jeffries\Desktop\HALOS_Kragelund_December_2021\Kragelund**Computer:** SAXS-LAPTOP-W**Sample:** PPARG_1_lowsalt_Kreugerland**Configuration****Concentration Source:** RI**Flow Rate:** 0.350 mL/min**Light Scattering Instrument:** TREOS**Temperature Control:** no**Cell Type:** Fused Silica**Wavelength:** 659.0 nm**Calibration Constant:** 4.9447×10^{-5} 1/(V cm)**RI Instrument:** rEX**UV Instrument:** UV**QELS:****Use QELS Temperature Probe:** yes**Model:** Wyatt QELS+**Solvent:** 20mM_HEPES_150mM_KCl_2mM_TCEP_2pc_glycerol_pH7p4**Refractive Index:** 1.338**Viscosity:** 0.948 cP**Processing****Collection Time:** Sunday, December 12, 2021 14:06:31 PM**Processing Time:** Tuesday, January 11, 2022 23:37:19 PM**Peak settings:**

Peak Name	Peak 1
Light Scattering Model	Zimm
Fit Degree	1
dn/dc (mL/g)	0.1869
A2 (mol mL/g²)	0.000

Results**Peak Results****Peak 1****Hydrodynamic radius (Q) moments (nm)****rh(Q)(avg)** 4.326 (±0.451%)

		Peak 1
Masses		
Calculated Mass		
(μg)		112.16
Mass Recovery (%)		40.1
Mass Fraction (%)		100.0
Molar mass moments (g/mol)		
		6.018×10^4
Mn		($\pm 2.095\%$)
		6.183×10^4
Mp		($\pm 1.223\%$)
		6.026×10^4
Mw		($\pm 1.995\%$)
		6.034×10^4
Mz		($\pm 4.375\%$)
		6.235×10^4
M(avg)		($\pm 0.132\%$)
Polydispersity		
Mw/Mn	1.001	($\pm 2.893\%$)
Mz/Mn	1.003	($\pm 4.851\%$)