



File Name: C:\Users\malsuser\Documents\rachel\USP5_20191011\20191011_USP5_R221A_5-1_UBQ.afe6
Collection Operator: ODW-MEDCHEM1779\malsuser (ODW-MEDCHEM1779\malsuser (MALS User))
Processing Operator: ODW-MEDCHEM1779\malsuser (MALS User)

Sample: sample

Configuration

Concentration Source: RI
Flow Rate: 0.500 mL/min

Light Scattering Instrument: DAWN HELEOS
Cell Type: Fused Silica
Wavelength: 661.7 nm
Calibration Constant: 3.1098×10^{-5} 1/(V cm)

RI Instrument: Generic RI

Solvent: PBS, Aqueous
Temperature Correction Enabled: yes
Refractive Index: 1.330

Processing

Collection Time: Friday October 11, 2019 12:36:00 PM Eastern Daylight Time
Processing time: Friday October 11, 2019 02:07:10.046 PM Eastern Daylight Time

Peak settings:

Peak Name	Peak 1
Peak Limits (min)	41.689 - 47.283
Light Scattering Model	Zimm
Fit Degree	1
dn/dc (mL/g)	0.1850
A2 (mol mL/g²)	0.000
UV Ext. Coef. (mL/(mg cm))	0.000

Results Fitting Procedure:

Data	Fit Model	Degree	R²	Extrapolation
Molar Mass	none	n/a	n/a	none
Rms Radius	none	n/a	n/a	none
Mean Square Radius	none	n/a	n/a	none

Results

Peak Results

	Peak 1
Masses	
Injected Mass (µg)	0.00
Calculated Mass (µg)	216.16
Mass Recovery (%)	n/a
Mass Fraction (%)	100.0

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Molar mass moments (g/mol)	
Mn	1.051×10^5 ($\pm 0.681\%$)
Mp	1.059×10^5 ($\pm 0.351\%$)
Mv	n/a
Mw	1.056×10^5 ($\pm 0.839\%$)
Mz	1.064×10^5 ($\pm 2.348\%$)
Polydispersity	
Mw/Mn	1.005 ($\pm 1.081\%$)
Mz/Mn	1.013 ($\pm 2.445\%$)
rms radius moments (nm)	
Rn	n/a
Rw	n/a
Rz	n/a