

ASTRA 6 Report 20191011_USP5_R221A



File Name: C:\Users\malsuser\Documents\rachel\USP5_20191011\20191011_USP5_R221A.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 11:26:09 AM Eastern Daylight Time

Processing time: Friday October 11, 2019 12:44:30.427 PM Eastern Daylight Time

Peak settings:

Peak Name	Peak 1
Peak Limits (min)	41.880 - 47.366
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	R ²	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)	203.47
Mass Recovery (%)	n/a
Mass Fraction (%)	100.0

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Molar mass moments (g/mol)	
Mn	1.051×10^5 ($\pm 0.561\%$)
Mp	1.064×10^5 ($\pm 0.321\%$)
Mv	n/a
Mw	1.058×10^5 ($\pm 0.672\%$)
Mz	1.078×10^5 ($\pm 2.322\%$)
Polydispersity	
Mw/Mn	1.006 ($\pm 0.875\%$)
Mz/Mn	1.026 ($\pm 2.389\%$)
rms radius moments (nm)	
Rn	n/a
Rw	n/a
Rz	n/a