Experiment name: C:\Documents and Settings\ef55.YALE.000\Desktop\Mar_11\Sam\PR_550ul\Sam_032211a\P_N_complex
Sample: PR_550ul (S200#5)
Processing Operator: Folta-Stogniew, Ewa
Collection Operator: Folta-Stogniew, Ewa
Collection Astra Version: 5.3.4.10

CONFIGURATION

Light scattering instrument: DAWN HELEOS
  - Cell type: K5
  - Laser wavelength: 658.0 nm
  - Calibration constant: 4.7560e-5 1/(V cm)
  - Replaced detector: 12
  - Temperature control: n/a
  - Temperature: n/a

RI Instrument: Optilab rEX
UV Instrument: Generic UV instrument
QELS instrument:
  - Model: Wyatt QELS+
  - Use temperature probe: yes

Solvent: PBS, Aqueous
  - Refractive index: 1.340
  - Viscosity: 8.9450e-3 g/(cm sec) (valid if QELS temperature not used)

Flow rate: 0.500 mL/min

PROCESSING

Processing time: Thursday March 24, 2011 03:24 PM Eastern Daylight Time
Collection time: Tuesday March 22, 2011 06:34 PM Eastern Daylight Time
QELS delay time range: 1.00e-6 to 1.00 sec
QELS threshold values: 1.0 to 300.0 nm
Detectors used: 4 5 6 7 8 9 10 11 13 14 15 16 17 18

Concentration detector: RI
Mass results fitting: none (fit degree: n/a)
Radius results fitting: none (fit degree: n/a)

Peak 1

Peak limits (mL) 11.187 - 11.924
dn/dc (mL/g) 0.154
A2 (mol mL/g²) 0.000
UV ext. (mL/(g cm)) 0.000
Model Debye
Fit degree 1
Injected mass (g) 0.0000
Calc. mass (g) 1.0146e-4

RESULTS

Polydispersity
  - Mw/Mn 1.000 (0.1%)
  - Mz/Mn 1.000 (0.1%)

Molar mass moments (g/mol)
  - Mn 3.109e+5 (0.0%)
  - Mp 3.117e+5 (0.0%)
  - Mw n/a
  - Mw 3.109e+5 (0.0%)
  - Mz 3.109e+5 (0.1%)
Experiment name: C:\Documents and Settings\ef55.YALE.000\Desktop\Mar_11\Sam\PR_550ul\Sam_032211a\P_N_pp
Sample: PR_550ul (S200#5)
Processing Operator: Polta-Stogniew, Ewa
Collection Operator: Polta-Stogniew, Ewa
Collection Astra Version: 5.3.4.10

CONFIGURATION

Light scattering instrument: DAWN HELEOS
  Cell type: K5
  Laser wavelength: 658.0 nm
  Calibration constant: 4.7560e-5 l/(V cm)
  Replaced detector: 12
  Temperature control: n/a
  Temperature: n/a

RI Instrument: Optilab rEX
UV Instrument: Generic UV instrument
QELS instrument:
  Model: Wyatt QELS+
  Use temperature probe: yes

Solvent: PBS, Aqueous
  Refractive index: 1.340
  Viscosity: 8.9450e-3 g/(cm sec) (valid if QELS temperature not used)

Flow rate: 0.500 mL/min

PROCESSING

Processing time: Thursday March 24, 2011 03:24 PM Eastern Daylight Time
Collection time: Tuesday March 22, 2011 06:34 PM Eastern Daylight Time
QELS delay time range: 1.00e-6 to 1.00 sec
QELS threshold values: 1.0 to 300.0 nm
Detectors used: 4 5 6 7 8 9 10 11 13 14 15 16 17 18
Concentration detector: RI
Mass results fitting: none (fit degree: n/a)
Radius results fitting: none (fit degree: n/a)

Peak 1
Peak limits (mL) 11.187-11.924
dn/dc (mL/g) 0.300
A_2 (mol mL/g^2) 0.0000
UV ext. (mL/(g cm)) 0.000
Model Debye
Fit degree 1
Injected mass (g) 0.0000
Calc. mass (g) 5.2085e-5

RESULTS

Polydispersity
  Mw/Mn 1.000 (0.1%)
  Mz/Mn 1.000 (0.1%)

Molar mass moments (g/mol)
  Mn 1.596e+5 (0.0%)
  Mp 1.600e+5 (0.0%)
  Mv n/a
  Mw 1.596e+5 (0.0%)
  Mz 1.596e+5 (0.1%)