



**WYATT**  
TECHNOLOGY

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**30 kDa PS Standard**

## Certificate of Analysis

Polystyrene Standard, 30 kDa

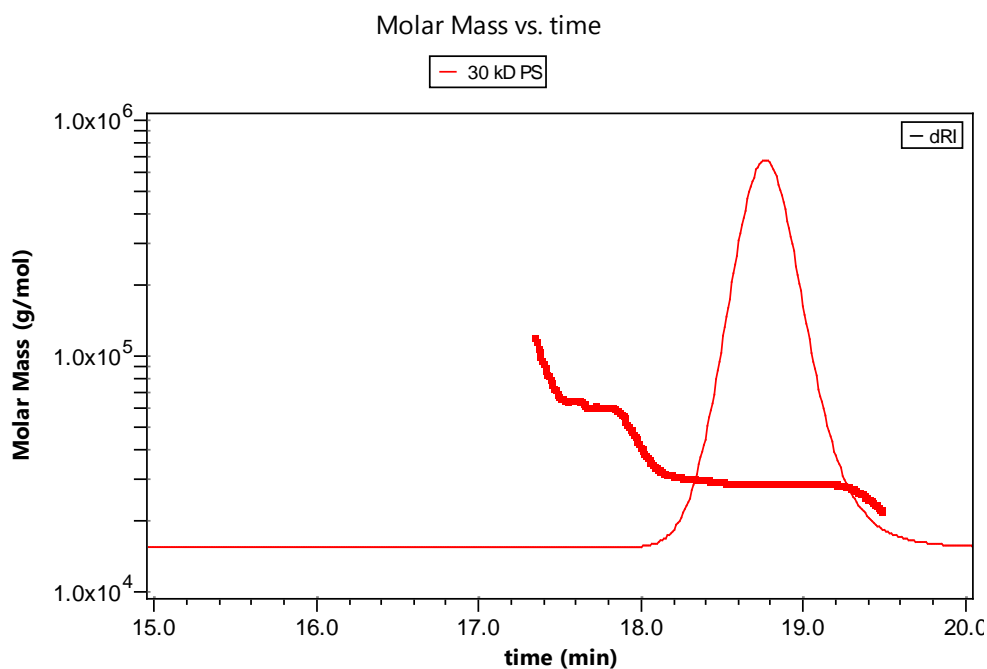
**Wyatt PN: P8402-03001B**

**Batch #: 80317**

Manufactured by Pressure Chemical Co.

**Storage:** Room Temperature

**Expires:** July 2022



*Standard Characterization Data (including oligomer peaks)*

**$M_w = (28.5 \pm 0.03)$  kDa, PDI =  $1.01 \pm 0.01$**

(by SEC-MALS in toluene, using  $dn/dc = 0.110$  mL/g and  $A_2 = 4.4 \times 10^{-4}$  mol mL/g<sup>2</sup>)

**Intrinsic Viscosity  $[\eta]_w = (19.8 \pm 0.02)$  mL/g;  $[\eta]_z = (20.0 \pm 0.02)$  mL/g**

(by Wyatt ViscoStar following SEC-MALS)

Certification: Michelle Chen

Dr. Michelle Chen, Director of Analytical Services

Date: March 20, 2018