



**WYATT**  
TECHNOLOGY

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**Sigma Dextran**  
**(35-45 kDa)**  
**(Lot No.: SLBQ5973V)**

## Certificate of Analysis

Sigma Dextran (35-45 kDa)

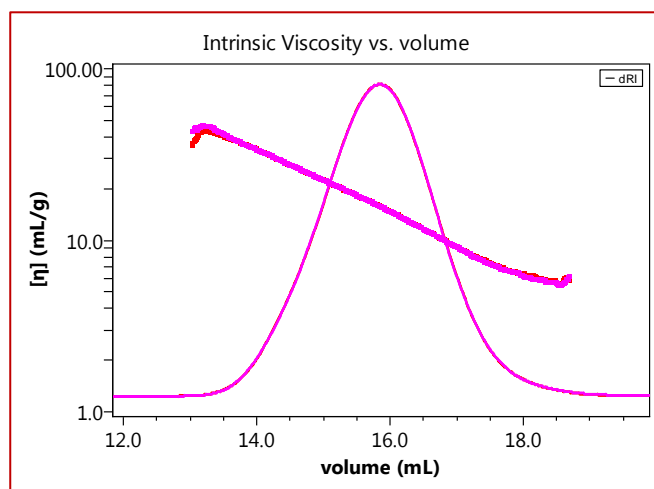
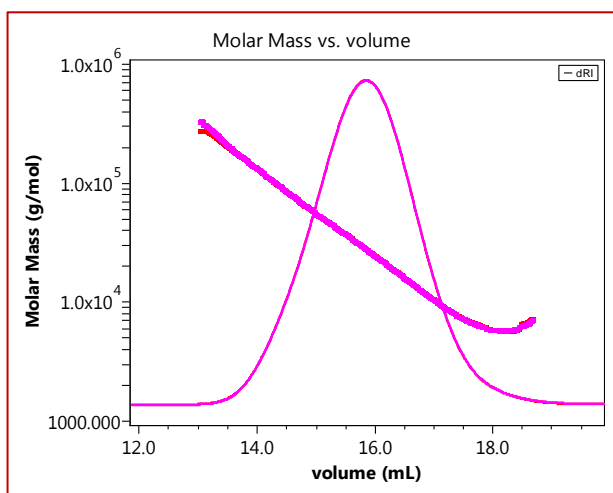
Wyatt PN: 900114

Lot Number: SLBQ5973V

Manufactured by Sigma-Aldrich

Storage: Room temperature

Certificate Expires: 1/1/2020



*Standard characterization data by Wyatt MALS detector and Wyatt Viscostar following SEC separation with two TSKgel GMPW<sub>XL</sub> columns and 100 mM NaNO<sub>3</sub> at 1.0 mL/min:*

**$M_n = (22.1 \pm 0.1) \text{ kDa}$  ;  $M_w = (36.5 \pm 0.1) \text{ kDa}$  ;  $PDI = 1.65 \pm 0.01$**

**$[\eta]_w = (16.8 \pm 0.1) \text{ mL/g}$  ;  $[\eta]_z = (21.6 \pm 0.1) \text{ mL/g}$**

*(Dextran solution was prepared at 5 mg/mL, filtered through 0.02 μm Anotop filter. Injection volume was 100 μL. Results were obtained using  $dn/dc = 0.138 \text{ mL/g}$  and  $A_2 = 4.2 \text{ e-4 mol mL/g}^2$ .)*

Certification: Michelle Chen

Dr. Michelle Chen, Director of Analytical Services

Date: March 20, 2018