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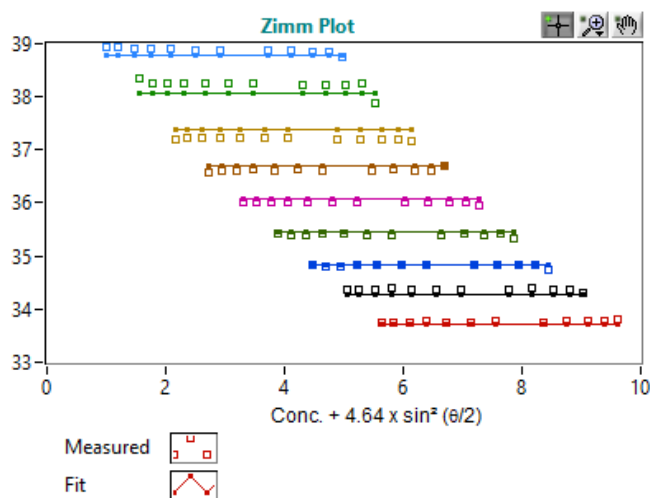
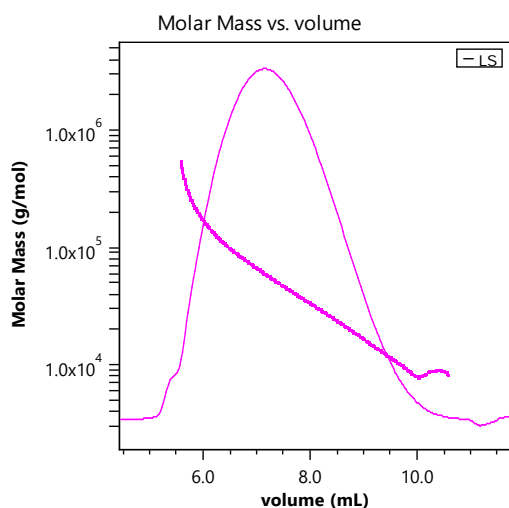
*Sigma Dextran  
(35-45 kDa)  
(Lot No.: SLBZ3079)*

## Certificate of Analysis

Sigma Dextran (35-45 kDa)

**Wyatt PN: 900114**  
**Lot Number: SLBZ3079**

Manufactured by Sigma-Aldrich  
**Storage:** Room temperature  
**Certificate Expires:** 12/31/2020



Standard characterization data by Wyatt MALS detector following SEC separation with WTC-030S5 column and PBS:

$$M_w = (40.7 \pm 0.6) \text{ kDa}; M_n = (24.9 \pm 0.7) \text{ kDa}; M_w / M_n = 1.64 \pm 0.05$$

(Solvent and SEC mobile phase were PBS, solution was filtered through 0.02 μm Anotop filter)

Standard characterization data by Wyatt MALS detector with concentration gradient generated by Wyatt Calypso:

$$M_w (\text{batch}) = (39.5 \pm 0.1) \text{ kDa}; A_2 = (4.2 \pm 0.1) \times 10^{-4} \text{ mol} \cdot \text{mL} / \text{g}^2$$

(Solvent was water; solution was filtered through 0.02 μm Anotop filter)

Certification: Michelle Chen Date: January 31, 2019  
Dr. Michelle Chen, Vice President of Analytical Services