



WYATT
TECHNOLOGY

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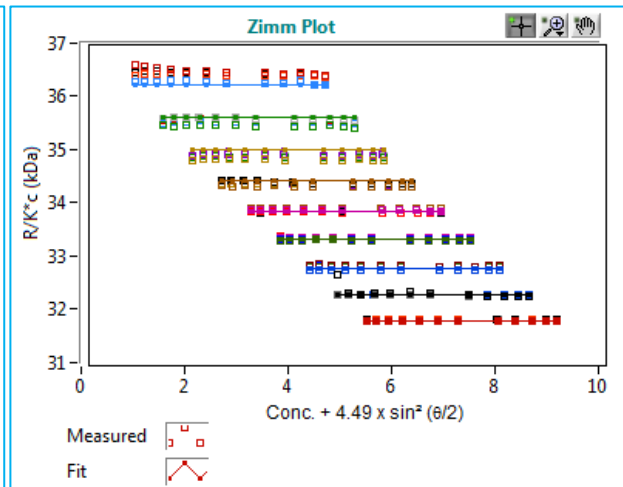
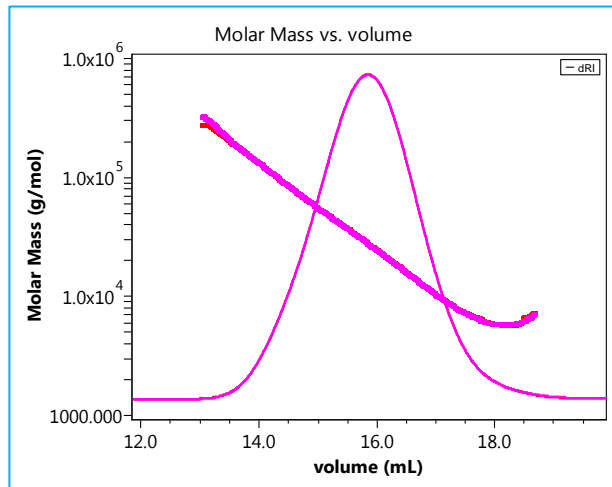
Sigma Dextran
(35-45 kDa)
(Lot No.: SLBQ5973V)

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 following SEC separation with two TSKgel GMPW_{XL} columns:

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

(Solution filtered through 0.02 μm Anotop filter)

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

$$M_w (\text{batch}) = (36.9 \pm 0.1) \text{ kDa}; A_2 = (4.3 \pm 0.1) \times 10^{-4} \text{ mol}\cdot\text{mL}/\text{g}^2$$

(Solution filtered through 0.02 μm Anotop filter)

Certification: Michelle Chen

Dr. Michelle Chen, Director of Analytical Services

Date: December 1, 2017