



WYATT
TECHNOLOGY

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Sigma Dextran
(35-45 kDa)
(Lot No.: SLBV5750)

Certificate of Analysis

Sigma Dextran (35-45 kDa)

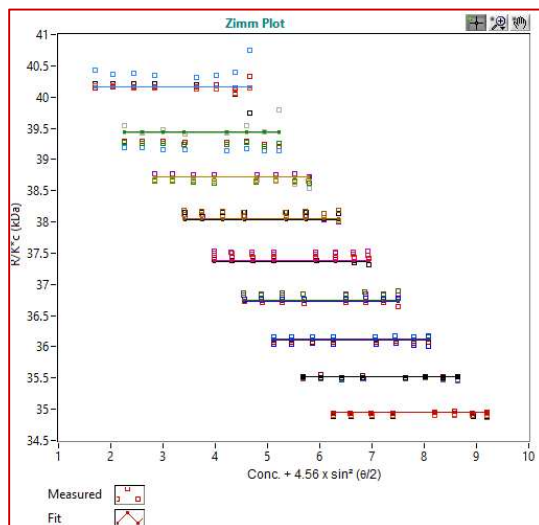
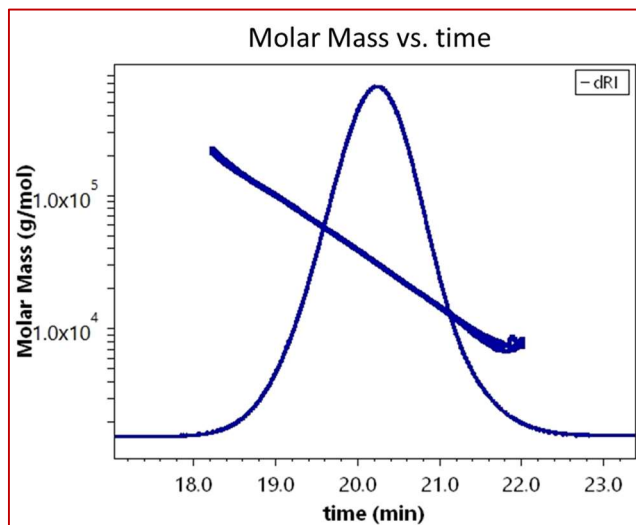
Wyatt PN: 900114

Lot Number: SLBV5750

Manufactured by Sigma-Aldrich

Storage: Room temperature

Certificate Expires: 12/31/2020



Standard characterization data by Wyatt MALS detector following SEC separation with Shodex OHpak LB-G6B and LB-806M columns:

$M_n = (26.0 \pm 0.2) \text{ kDa}$; $M_w = (39.9 \pm 0.1) \text{ kDa}$; $M_w/M_n = 1.53 \pm 0.01$

(Solvent and SEC mobile phase were 100 mM NaNO₃, solution was filtered through 0.02 μm Anotop filter)

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

$M_w (\text{batch}) = (40.0 \pm 0.1) \text{ kDa}$; $A_2 = (4.1 \pm 0.1) \times 10^{-4} \text{ mol} \cdot \text{mL/g}^2$

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

Certification: Michelle Chen
Dr. Michelle Chen, Vice President of Analytical Services

Date: April 1, 2019