



WYATT
TECHNOLOGY

6330 Hollister Avenue
Santa Barbara, CA 93117

Tel: +1 (805) 681-9009
Fax: +1 (805) 681-0123
Web: www.wyatt.com

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

Certificate of Analysis

Sigma Dextran (35-45 kDa)

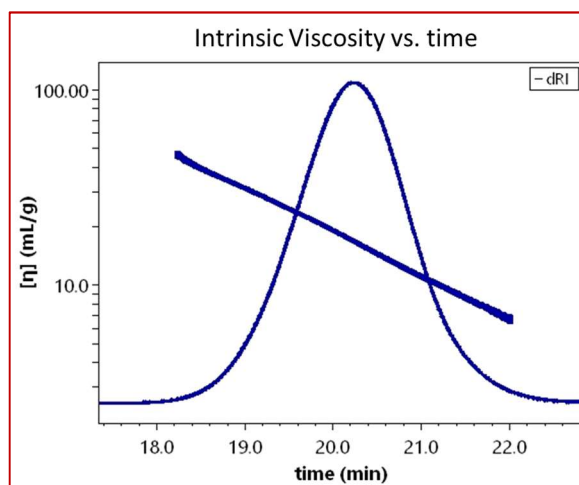
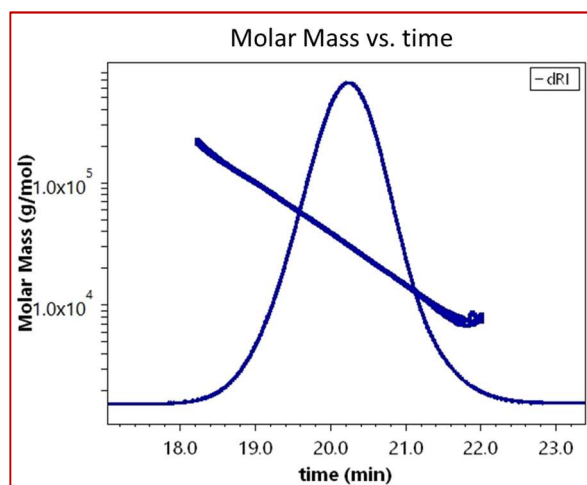
Wyatt PN: 900114

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 and 100 mM NaNO₃ at 0.5 mL/min:

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

$\text{Intrinsic Viscosity } [\eta]_w = (17.8 \pm 0.0) \text{ mL/g}$; $[\eta]_z = (21.9 \pm 0.0) \text{ mL/g}$

(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 $A_2 = 4.1 \text{ e-4 mol mL/g}^2$.)

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

Date: April 1, 2019