



WYATT
TECHNOLOGY

6330 Hollister Avenue
Santa Barbara, CA 93117

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

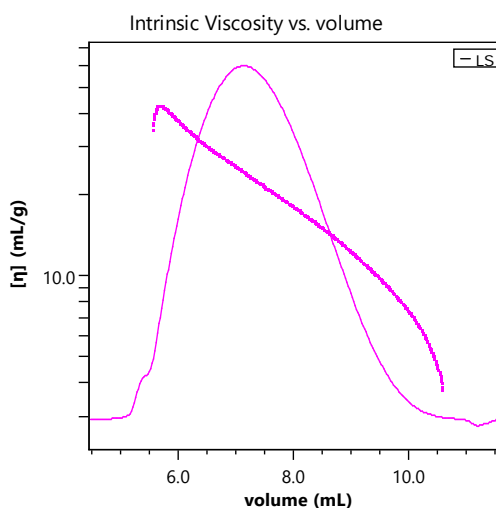
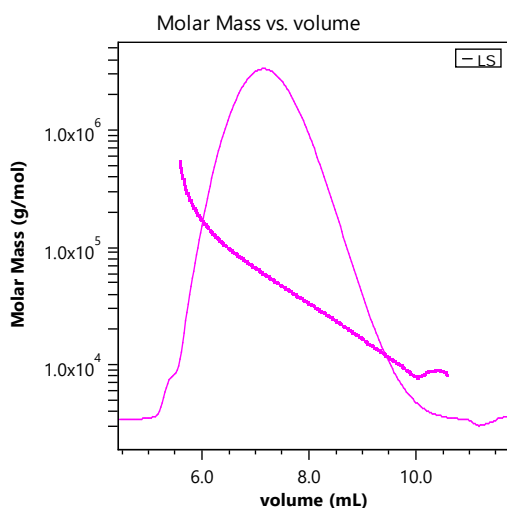
Sigma Dextran
(35-45 kDa)
(Lot No.: SLBZ3079)

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:

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

$\text{Intrinsic Viscosity } [\eta]_w = (17.7 \pm 0.1) \text{ mL/g}$; $[\eta]_z = (23.3 \pm 0.1) \text{ mL/g}$

(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 $A_2 = 4.2e-4 \text{ mol mL/g}^2$.)

Certification: _____ Michelle Chen _____ Date: January 31, 2019

Dr. Michelle Chen, Vice President of Analytical Services