6330 Hollister Avenue
Santa Barbara, CA 93117
Tel. (805) 681-9009
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email: info@wyatt.com
www.wyatt.com

Certificate of Analysis

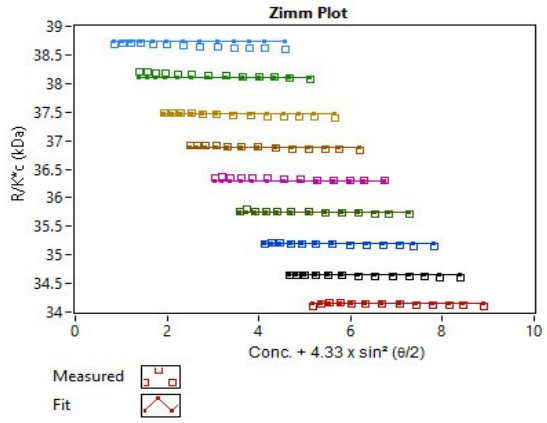
Dextran (40 kDa)

Dextran in water: *dn/dc* = 0.138 mL/g

Solution was prepared at 5 mg/mL and filtered through 0.02 µm Anotop® filter.

Wyatt p/n: 900114
Lot Number: SLCJ8604

Manufactured by: Sigma Aldrich®
Expires: 09 Apr 2026
Storage: Room temperature



Standard characterization data by Wyatt MALS detector coupled to Wyatt Calypso® pump system:

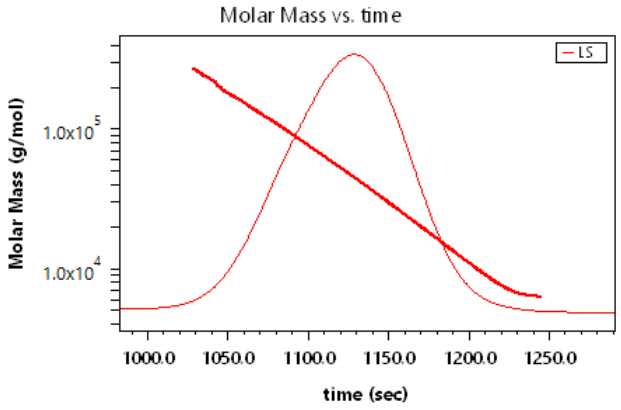
M_w (batch) = (39.3 ± 0.4) kDa

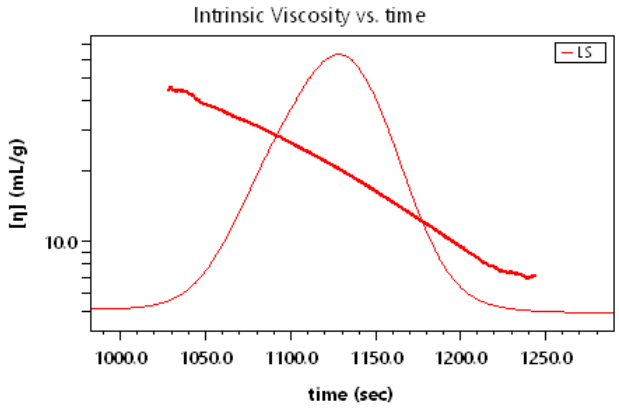
A_2 = (3.8 ± 0.2) × 10^{-4} (mol mL)/g^2

Standard characterization data by Wyatt DynaPro® Plate Reader

R_h (Cumulants) = (4.8 ± 0.1) nm

R_h (Regularization) = (5.9 ± 0.4) nm





Standard characterization data by Wyatt MALS detector following SEC separation (two Shodex™ OHpak™ LB-806M with LB-G):

Solvent and SEC mobile phase were 100 mM $NaNO_3$ *at 1* mL/min.

M_n = (24.0 ± 0.2) kDa	M_w = (38.4 ± 0.3) kDa	M_w/M_n = 1.6 ± 0.02
Intrinsic viscosity	$[\eta]_w$ = (17.0 ± 0.1) mL/g	$[\eta]_z$ = (22.0 ± 0.6) mL/g

Certification: Sophia Kenrick Date: 09 Apr 2024

Sophia Kenrick
Head of Analytical Sciences