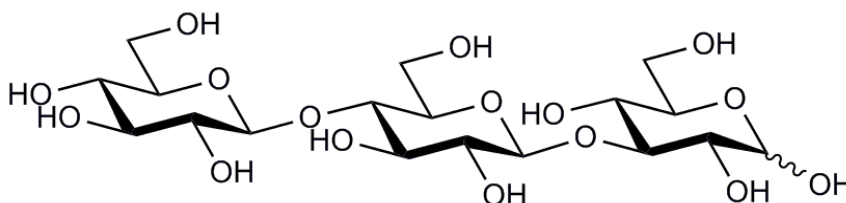


3'-β-D-CELLOBIOSYL-GLUCOSE (Lot 70603C)

O-BGTRIB

08/19

Molecular Formula: C₁₈H₃₂O₁₆
MW: 504.4
CAS: 32581-36-5



PREPARATION:

Prepared by controlled enzymic hydrolysis of barley β-glucan

PURITY: > 95% (HPLC)

HPLC:

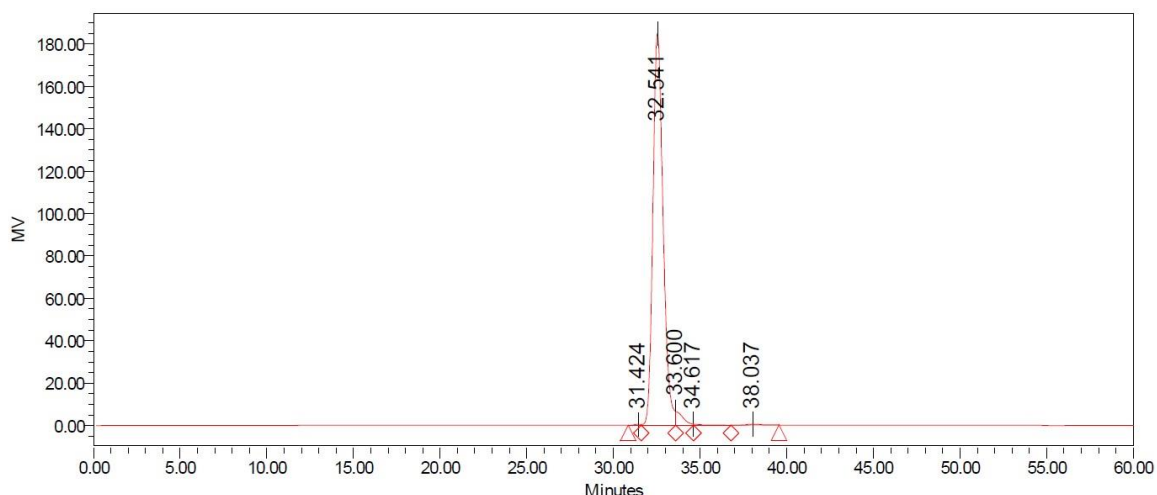
Column: 2 x Tosoh TSK-GEL G2500 PWXL (7.8 x 300 mm) plus guard column (7.8 x 35mm)

Temperature: 80°C

Mobile phase: dH₂O

Flow rate: 0.5 mL/min

HPLC System: Waters Alliance e2695 Separations Module, Waters 2414 RI detector and Empower v 3 software



Processed Channel: 410

| | Processed Channel | Retention Time (min) | Area | % Area | Height |
|---|-------------------|----------------------|---------|--------|--------|
| 1 | 410 | 31.424 | 9496 | 0.12 | 360 |
| 2 | 410 | 32.541 | 7532089 | 97.00 | 184879 |
| 3 | 410 | 33.600 | 186820 | 2.41 | 6481 |
| 4 | 410 | 34.617 | 15990 | 0.21 | 462 |
| 5 | 410 | 38.037 | 20992 | 0.27 | 392 |

TLC:

n-Propanol:Ethanol:H₂O = 7:1:2 (run once) on Merck TLC Silicagel 60F₂₅₄

