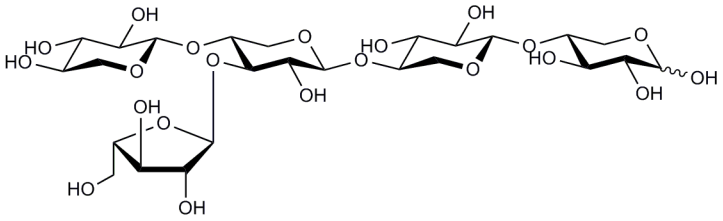
3^3-α-L-Arabinofuranosyl-xylotetraose (Lot 181005) (XA^{3}XX)

O-XA3XX **12/18**

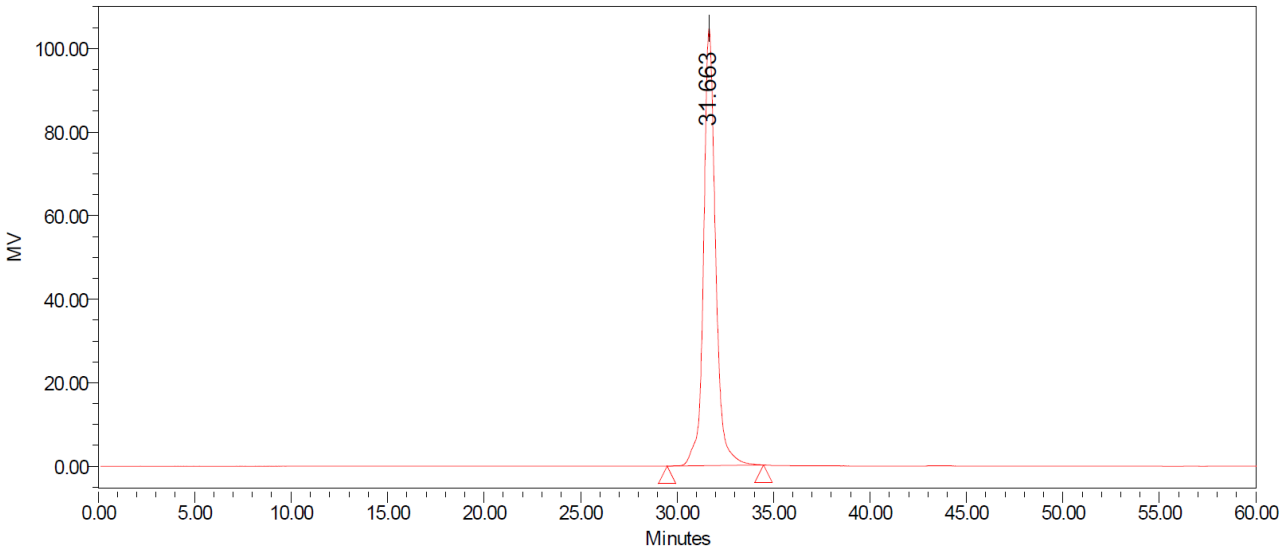
Molecular Formula: $C_{25}H_{42}O_{21}$
MW: 678.6
CAS: 84666-93-3



PREPARATION:
Prepared by controlled enzymic hydrolysis of wheat flour arabinoxylan

PURITY: > 95%

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: dH_2O
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	31.663	4528679	100.00	104711

HPAEC-PAD:
Column: CarboPac PA200 guard and analytical columns (3 x 250 mm)
Temperature: 30°C
Detector: Au electrode; waveform Carbohydrate, standard quad
Flow rate: 0.5 mL/min
IC system: Dionex ICS5000+ DP system and Chromeleon 7 software

A stepwise linear gradient method was employed as shown.

Time (min)	100 mM NaOH (%)	120 mM NaOAc (%) in 100mM NaOH
0	100	0
5	55	45
9	30	70
10	0	100
18	0	100
19	100	0
30	100	0