



## 2<sup>3</sup>- $\alpha$ -L-Arabinofuranosyl-xylotriose (A<sup>2</sup>XX) (Lot 140504b)

**O-A2XX**

**09/19**

**Molecular Formula:**

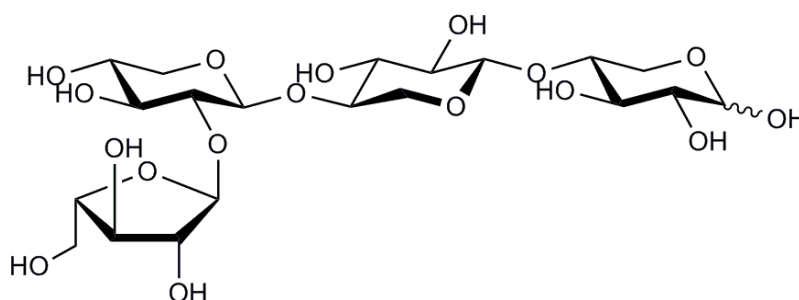
**C<sub>20</sub>H<sub>34</sub>O<sub>17</sub>**

**MW:**

**546.5**

**CAS:**

**152842-73-4**



**PREPARATION:**

Prepared by controlled enzymic hydrolysis of wheat flour arabinoxylan

**PURITY:** > 90% (HPLC)

**HPLC:**

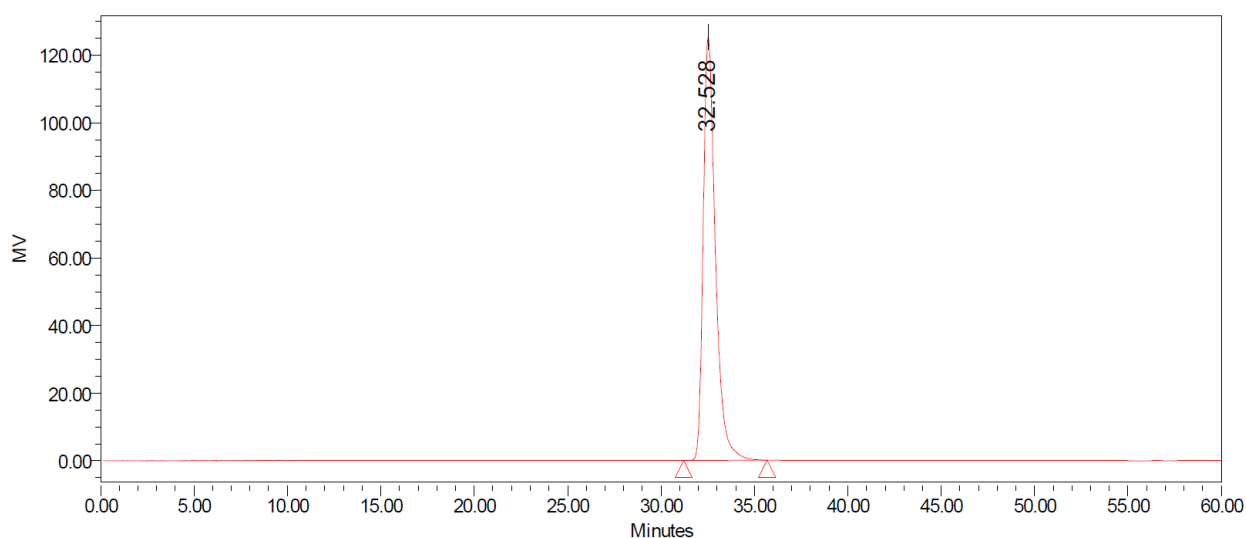
Column: 2 x Tosoh TSK-GEL G2500 PWXL (7.8 x 300 mm) plus guard column (7.8 x 35mm)

Temperature: 80°C

Mobile phase: dH<sub>2</sub>O

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	32.528	5664478	100.00	125281

**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 (%)
0	100	0
5	55	45
9	30	70
10	0	100

