



ISOPANOSE (Lot 180803)

O-IPAN

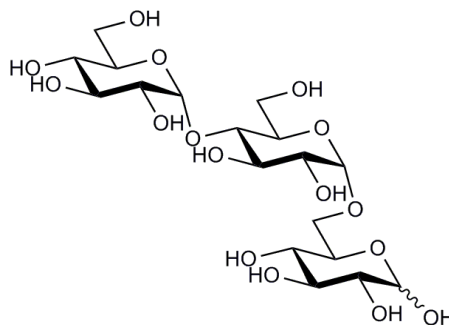
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Molecular

Formula: $C_{18}H_{32}O_{16}$

MW: 504.4

CAS: 32581-33-2



PREPARATION:

Prepared by the controlled enzymic hydrolysis of pullulan

PURITY: > 95% (HPLC)

HPLC:

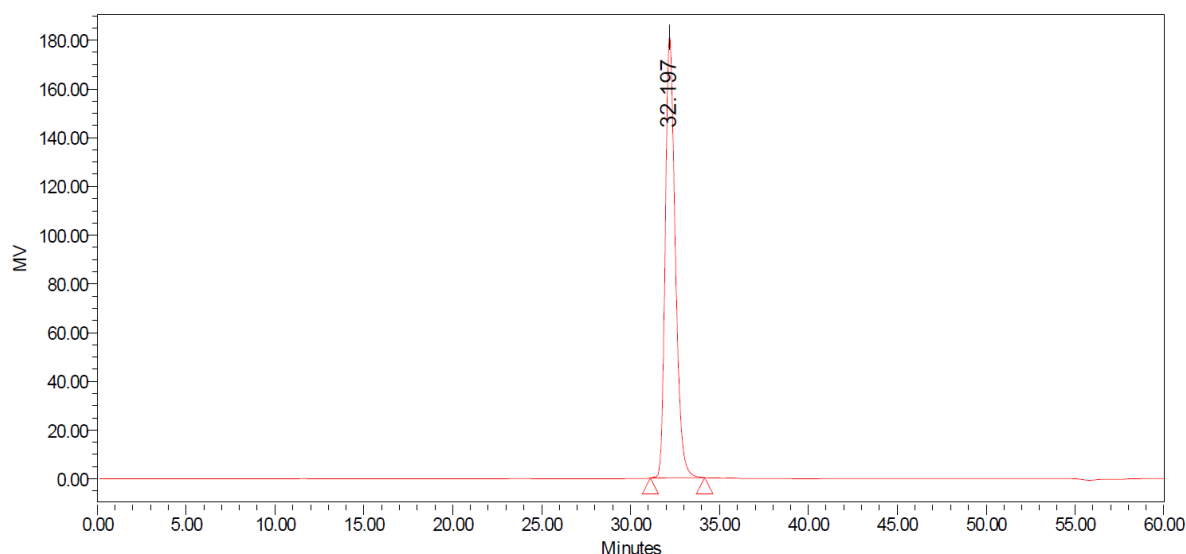
Column: 2 x Tosoh TSK-GEL G2500 PWXL (7.8 x 300 mm) plus guard column (7.8 x 35mm)

Temperature: 80°C

Mobile phase: dH_2O

Flow rate: 0.5 mL/min

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



Peak Name:

	Injection	RT	Area	% Area	Height
1	1	32.197	7086569	100.00	180907

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

