

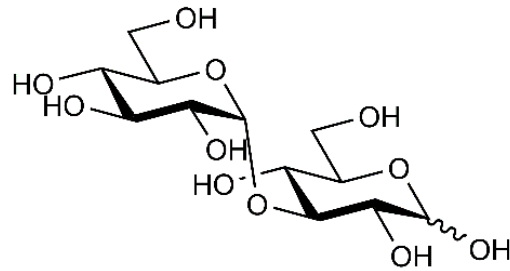


## NIGEROSE (Lot 180402)

O-NGR

04/18

**CAS:** 497-48-3  
**Molecular Formula:** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>  
**MW:** 342.3



**PURITY:** > 95% (HPLC)

### HPLC:

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

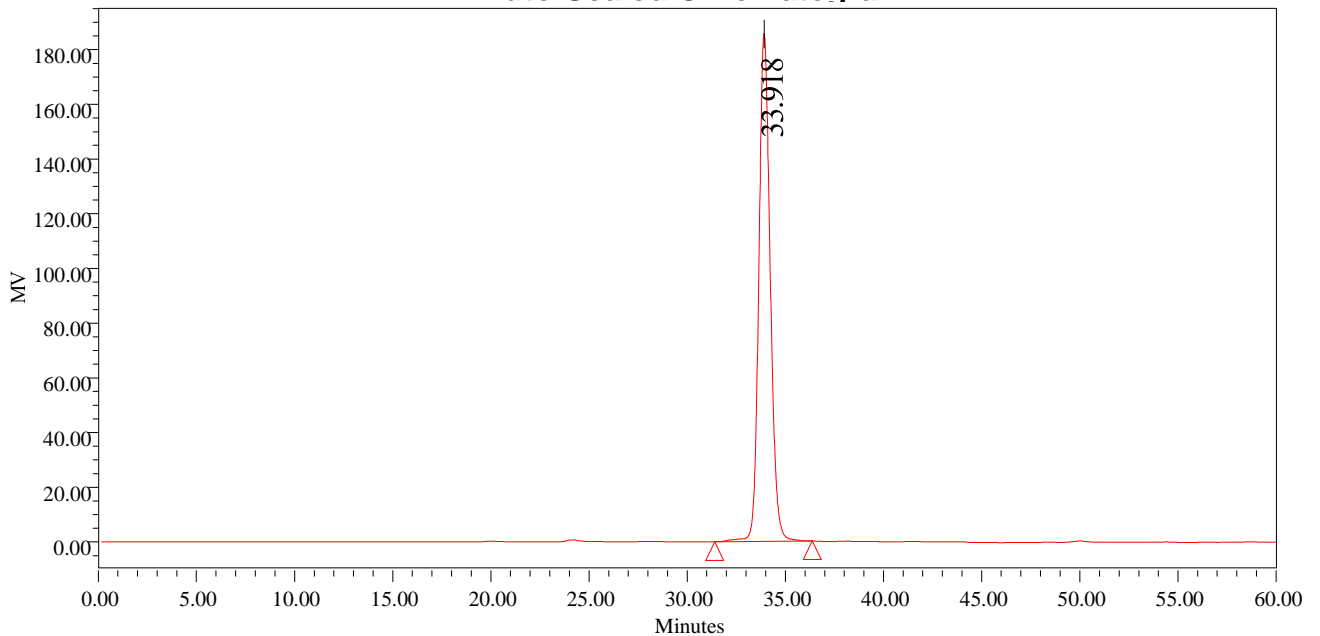
Temperature: 80°C

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

### Auto-Scaled Chromatogram



### Peak Results

	Name	RT	Area	Height	Amount	Units
1		33.918	7500141	185533		

**HPAEC-PAD:**

Column: CarboPac PA200 guard and analytical columns (3 x 250 mm)

Temperature: 20°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 100 mM NaOH (%)
0	100	0
5	55	45
9	30	70
10	0	100
18	0	100
19	100	0
30	100	0

