



Ludger

Certificate of Analysis

LudgerSep™ Ammonium Formate Buffer, pH4.4

Cat. # LS-N-BUFFX40

Batch #: B71B-02

Size: 50 mL

Test Analysis

Column Waters BEH Glycan 1.7µm column (150mm)

Buffer A LS-N-BUFFX40 made up to 2L with water

Buffer B Acetonitrile

Gradient

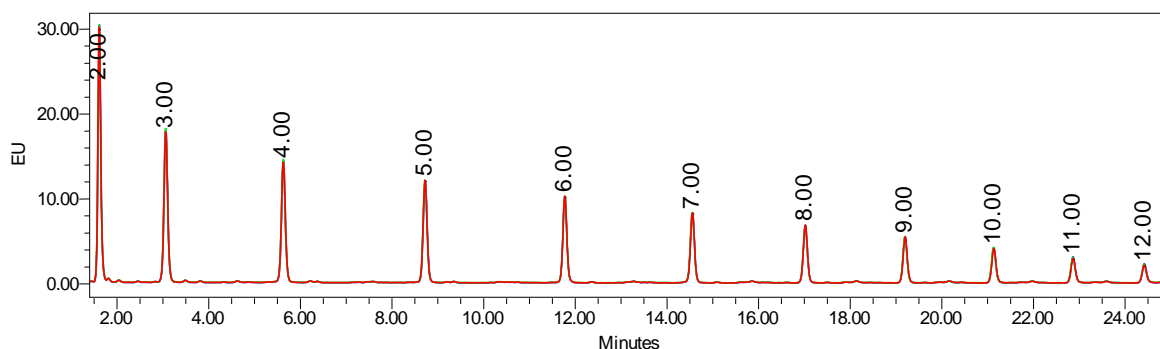
Time (min)	Flow mL/min	% A	%B
0	0.56	22	78
1.47	0.56	22	78
24.8	0.56	42	58
25.8	0.56	60	40
25.9	0.25	100	0
27.9	0.25	100	0
28.4	0.25	22	78
32.0	0.56	22	78
35.0	0.56	22	78

Temperature 60 °C

Sample CAB-GHP-30 (B621-03), 2-AB labelled glucose homopolymer ladder

Injection Volume 25 µL (22% aqueous/78% acetonitrile)

Fluorescence Detection λ_{Ex} 250nm, λ_{Em} 428nm



— GHP-B621-03; Date Acquired: 20/01/2017 06:33:14 GMT; Vial: 1:B,7
 — GHP-B621-03; Date Acquired: 20/01/2017 05:56:51 GMT; Vial: 1:B,7
 — GHP-B621-03; Date Acquired: 20/01/2017 05:20:29 GMT; Vial: 1:B,7

CAB-GHP-30 - N-glycan gradient – three replicates overlaid. Samples run 20 January 2017.

Expiry Date: 20 January 2018. Once diluted use within 1 month.