

Certificate of Analysis

LudgerSep™ Ammonium Formate Buffer, pH4.4

Cat. #: LS-N-BUFFX40

Batch: B92D-03

Size: 50ml

Expiry date: 13 Feb 2020 if unopened, 1 month from date of dilution

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 | 0.6 | 22.0 | 78.0 |
| 1.5 | 0.6 | 22.0 | 78.0 |
| 24.8 | 0.6 | 42.0 | 58.0 |
| 25.8 | 0.6 | 60.0 | 40.0 |
| 25.9 | 0.3 | 100.0 | 0.0 |
| 27.9 | 0.3 | 100.0 | 0.0 |
| 28.4 | 0.3 | 22.0 | 78.0 |
| 32.0 | 0.6 | 22.0 | 78.0 |
| 35.0 | 0.6 | 22.0 | 78.0 |

Temperature 60°C

Sample CAB-GHP-30 (B84G-01), 2-AB labelled glucose homopolymer ladder

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

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

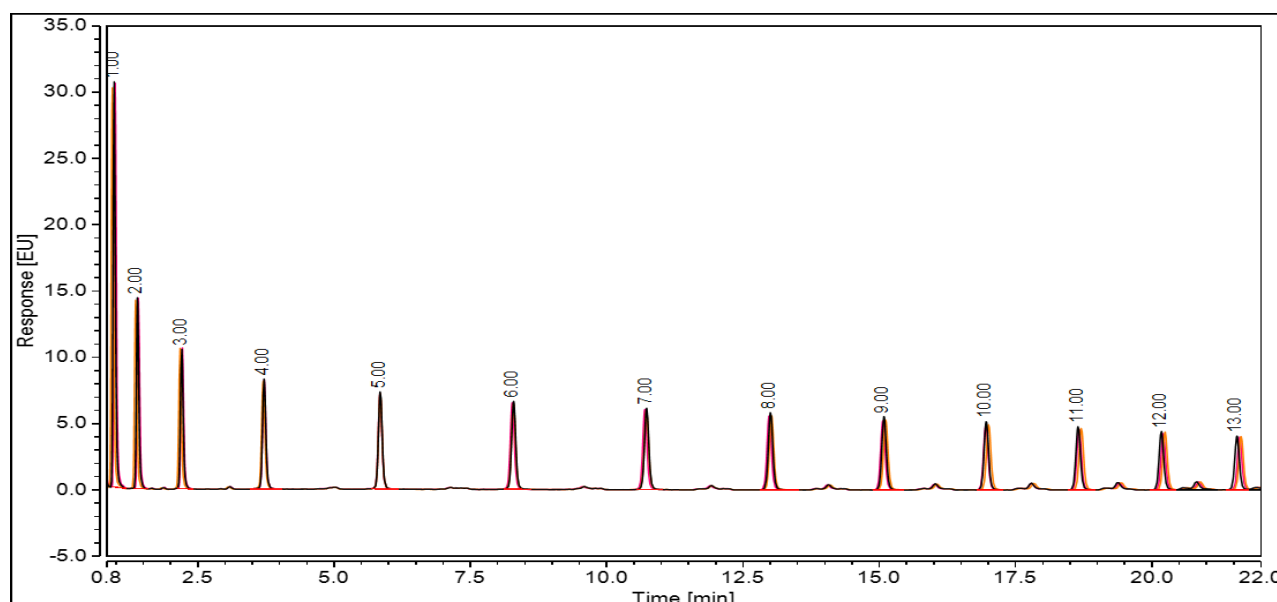


Figure 1: CAB-GHP-30 - N-glycan gradient – three replicates overlaid. Samples run 13 Feb 2019.