

Ludger

Certificate of Analysis

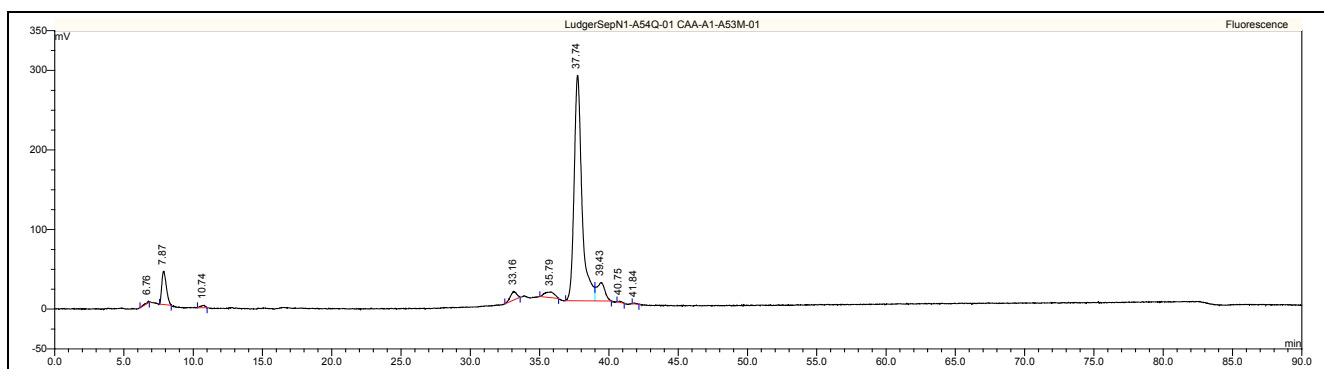
LudgerPure™ 2AA labeled A1 Glycan

Cat. # : CAA-A1-01

Lot # : A53M-01

Size : approx. 100 pmol

**Purity:** > 90% pure as assessed by HPLC (see Fig 1)



**Figure 1 : LudgerSepN1 HPLC profile of 2AA labeled A1 glycan (Cat. #: CAA-A1-01, Lot No. A53M-01).**

**HPLC Running Conditions**

Column: LudgerSep N1 Amide (Cat. #: LS-N1-4.6x250)      Flow: 0.4 ml/min      Temperature: 40 °C

Solvent A: 100 % acetonitrile      Solvent B: 250 mM ammonium formate pH 4.4

Gradient:      0-75 min - 35-65 % B  
                   75-80 min - 65-100 % B  
                   80-83 min - 100 % B  
                   83-85 min - 100-35 % B  
                   85-115 min - 35 % B

Detector: Jasco FP920      Excitation wavelength: 360 nm      Emission wavelength: 425 nm