

Ludger

## Certificate of Analysis

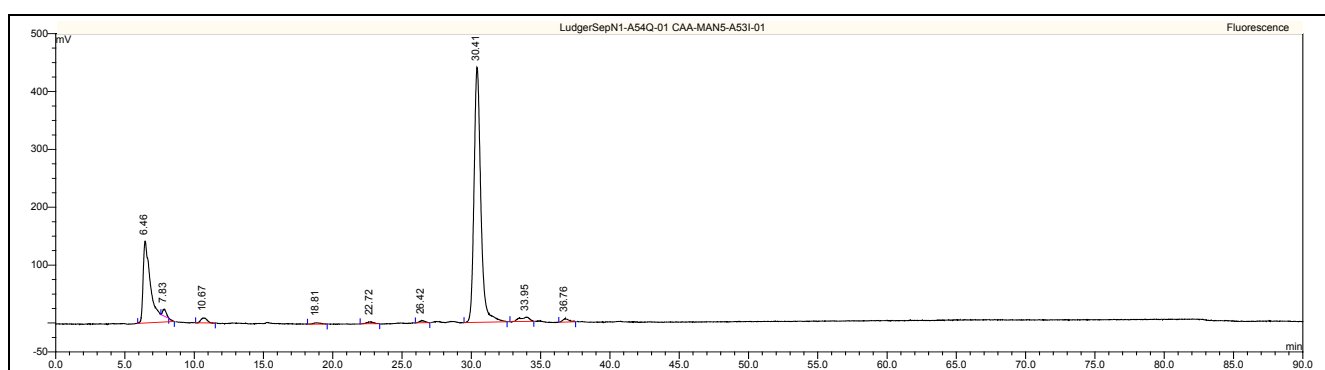
### LudgerPure™ 2AA labeled MAN-5 Glycan

Cat. # : CAA-MAN5-01

Lot # : A53I-01

Size : approx. 100 pmol

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



**Figure 1 : LudgerSepN1 HPLC profile of 2AA labeled MAN-5 glycan (Cat. #: CAA-MAN5-01, Lot No. A53I-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