

Ludger

Certificate of Analysis

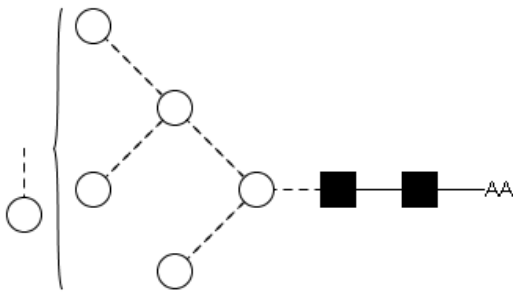
LudgerPure™ 2AA Labeled MAN6 Glycan

Cat. #: CAA-MAN6-01

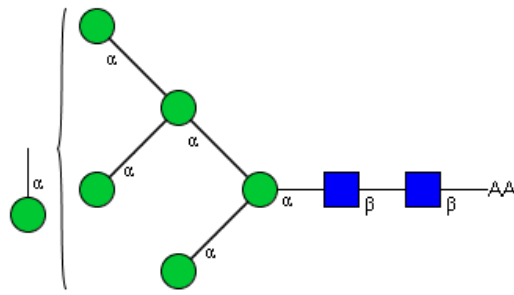
Batch: A54C-02

Size: approx. 100 pmol

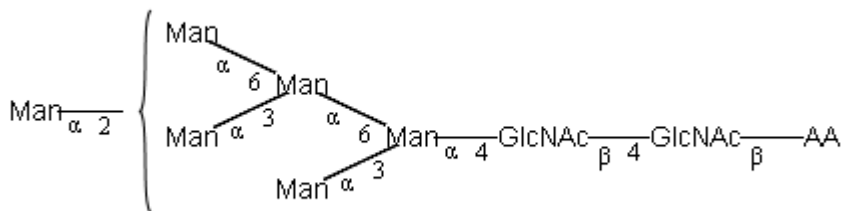
Structure



Oxford Notation



CFG Notation



Text Notation

Purity: 90.81% 2AA labeled MAN6 glycan, as assessed by HPLC - see Fig 1.

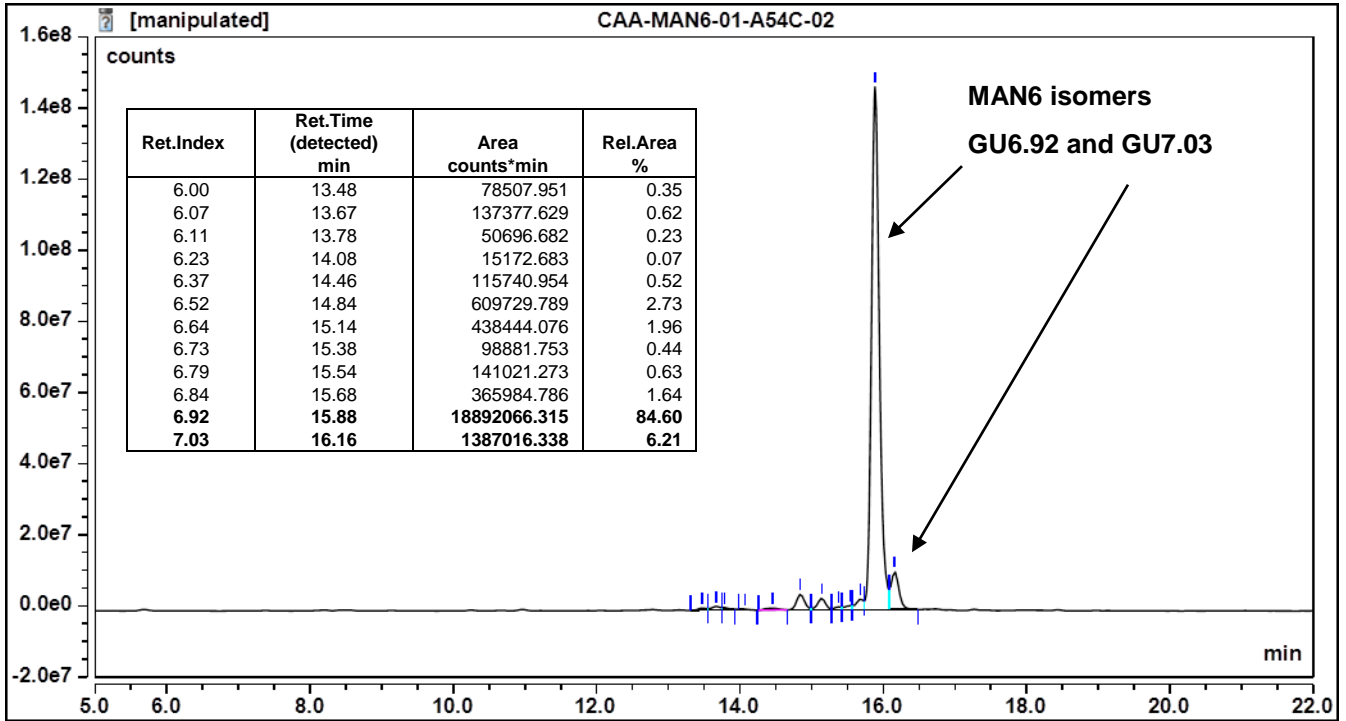


Figure 1: HILIC HPLC profile of 2AA labelled MAN6 glycan (see method conditions below)

(Cat. #: CAA-MAN6-01, Batch A54C-02).

**MAN6 glycan structure identified by MALDI, MS & HPLC (GU value comparison to GlycoBase). This structure is drawn according to the scheme developed by Oxford-Dublin Glycobiology Laboratory (see Fig 2).*

2-AA MAN6 peak seen above, eluted at 15.88 and 16.16 minutes, under the following conditions:

Column: Waters BEH Glycan 1.7µm column (150mm)

Flow: 0.56mL/min.

Temperature: 60 °C

Solvent A: 50mM ammonium formate pH 4.4 Solvent B: 100 % acetonitrile

Gradient:

Time (min)	%B
0.0	78.0
1.5	78.0
24.8	58.0
25.8	40.0
25.9	78.0
31.0	78.0

Detector: Dionex FLD-3000

Excitation wavelength: 250 nm

Emission wavelength: 428 nm

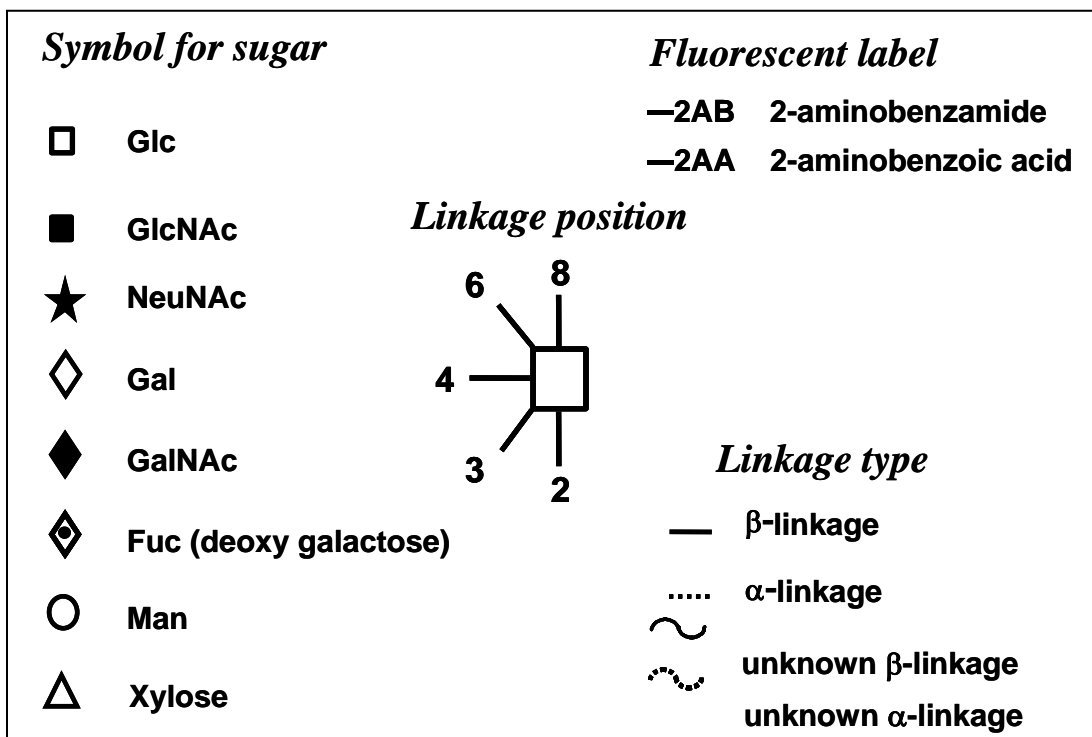


Figure 2: GlycoBase glycan structure key.