

Ludger

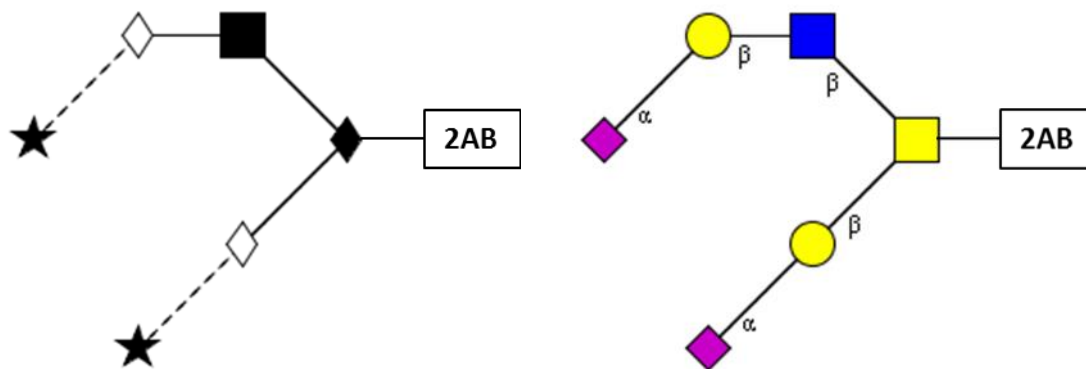
Certificate of Analysis

LudgerPure™ 2AB Labeled C2S(3,3)2-01 Glycan

Cat. #: CAB-C2S(3,3)2-01
Size: approx. 101.1 pmol

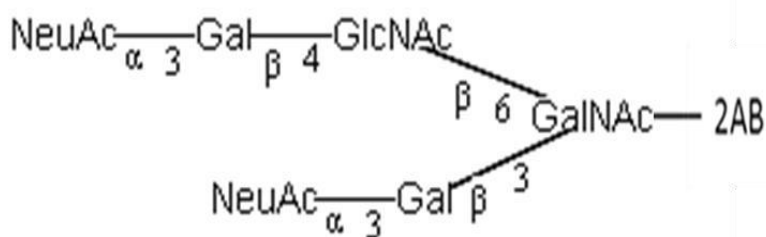
Batch: B67L-01
Expiry: 22ND JULY 2021

Structure



Oxford Notation

CFG Notation



Text Notation

Purity: 90.15% 2AB labeled C2S(3,3)2-01 glycan, as assessed by HPLC - see Fig 1.

Amount: Sample vial determined to contain 101.1 pmols C2S(3,3)2-01 glycan – Test performed 22ND July 2016.

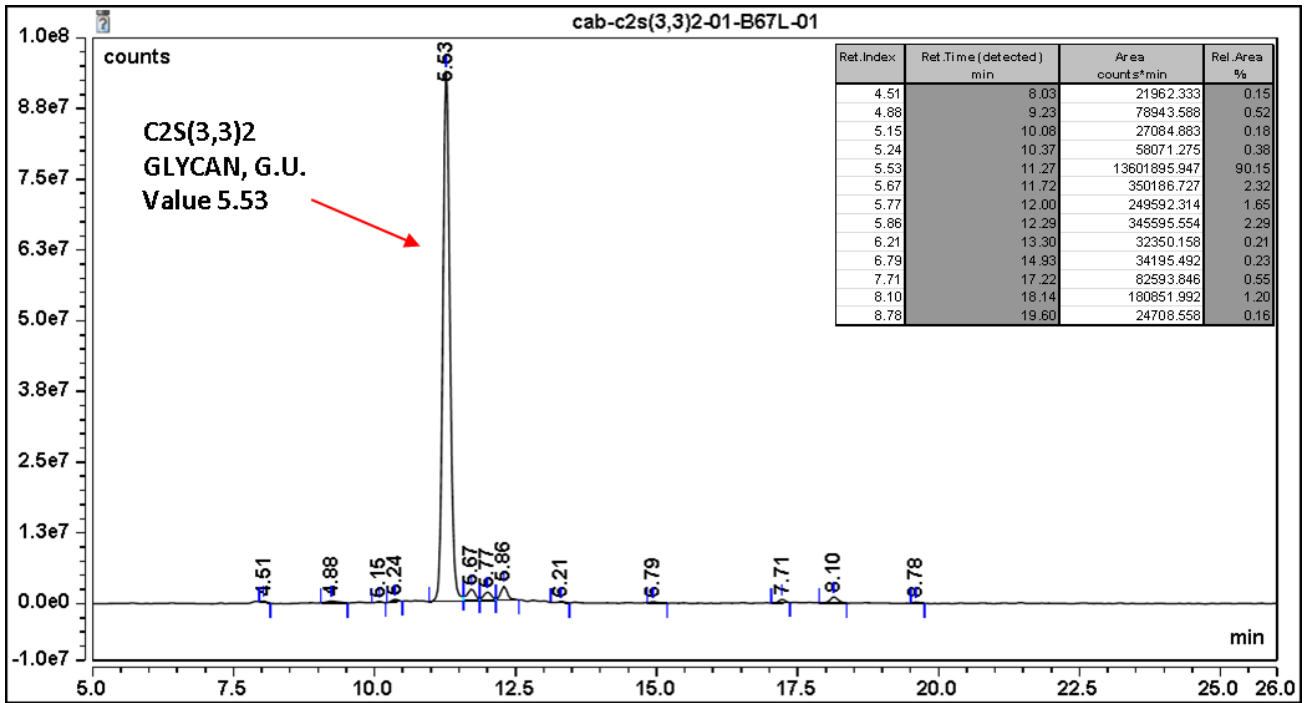


Figure 1: HILIC HPLC profile of 2AB labelled C2S(3,3)2-01 glycan (see method conditions below)

(Cat. #: CAB-C2S(3,3)2-01, Batch B67L-01).

2-AB C2S(3,3)2 peak seen above, eluted at 11.26 minutes, under the following conditions:

HPLC Running 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

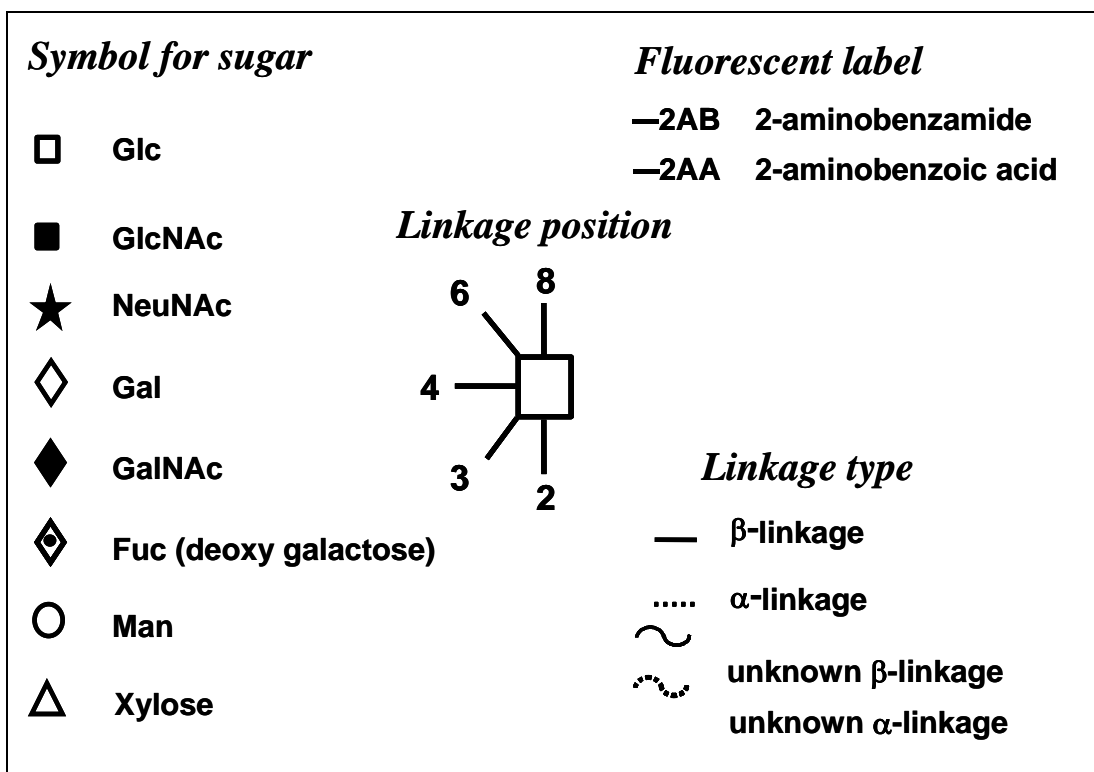


Figure 2: GlycoBase glycan structure key.