

Certificate of Analysis

MAN7 Glycan

Cat. #: CN-MAN7-20U (2*10U) / CN-MAN7-10U

Batch: B53N-02

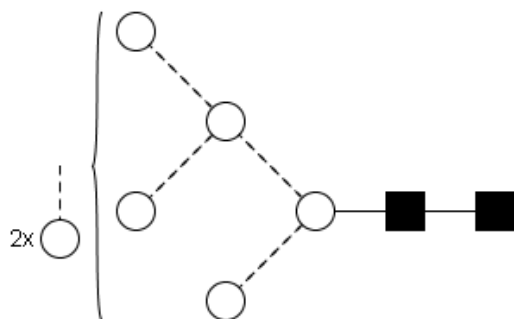
Size: 20 µg (2*10 µg) / 10 µg

Expiry: 20 MARCH 2020

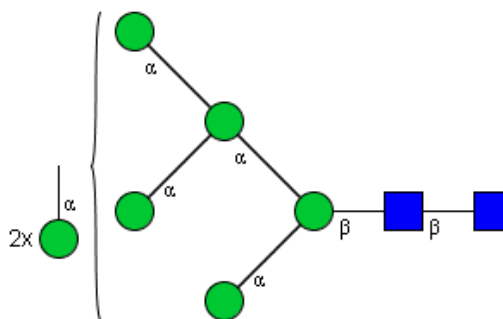
Alternative names

M7

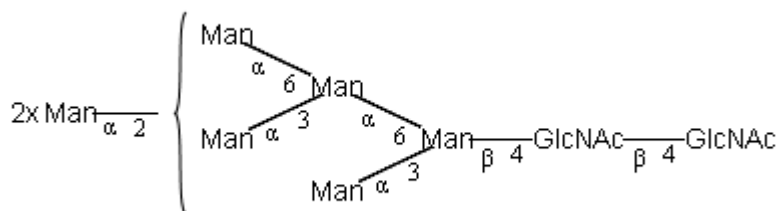
Structure



Oxford Notation



CFG Notation



Text Notation

Purity: 88.2% pure as assessed by HILIC Glycan chromatography of 2AB labeled glycan (see Fig 1).
HPAE-PAD, MS and NMR included as supporting data.

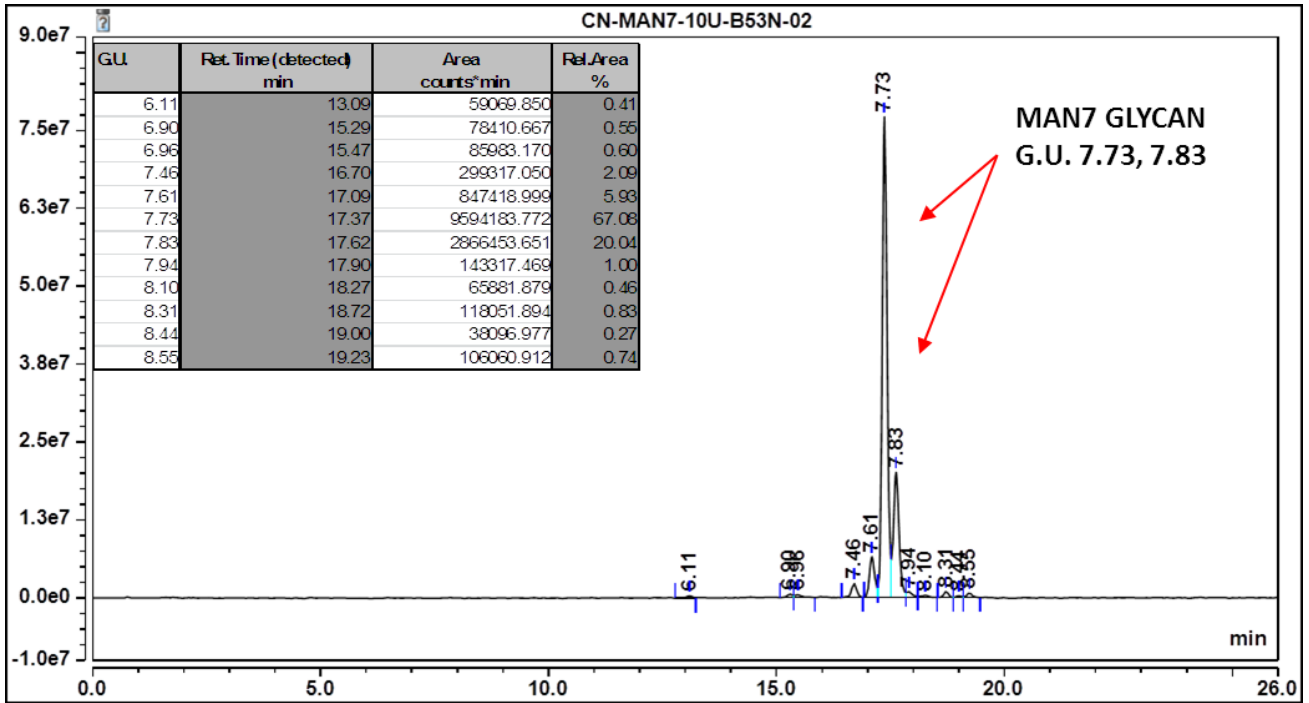


Figure 1: HILIC column UPLC chromatogram of 2AB labelled MAN7 glycan (CN-MAN7-10U, Batch B53N-02).

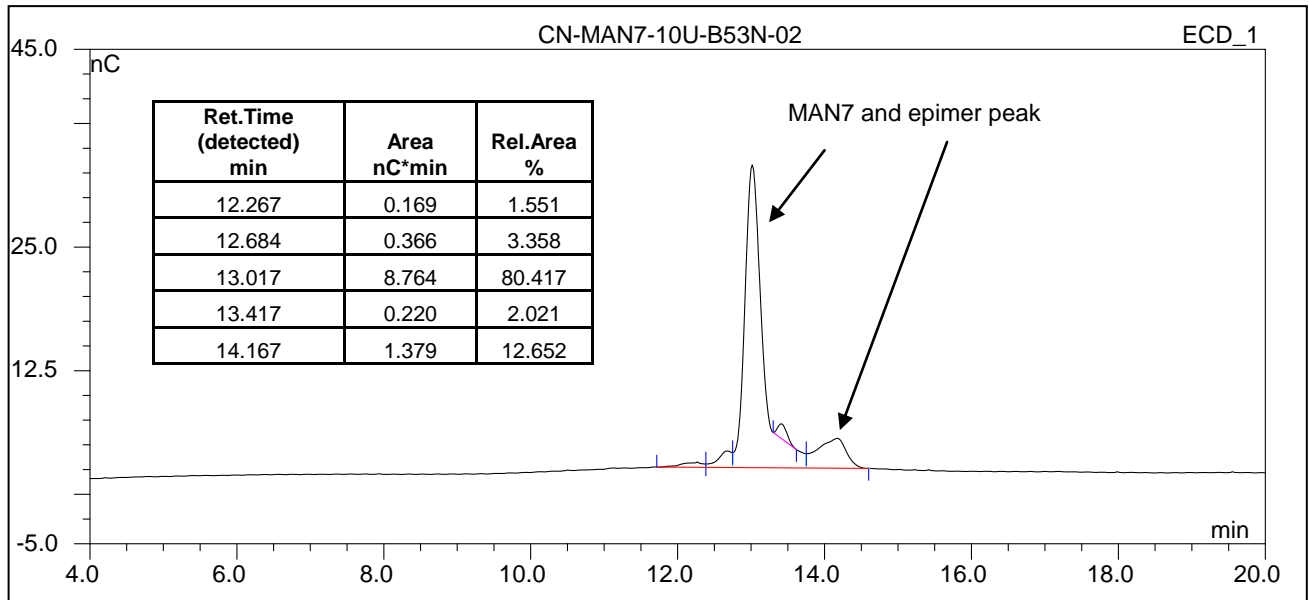


Figure 2: HPAE-PAD HPLC Profile of MAN7 glycan (CN-MAN7-10U, Batch B53N-02).

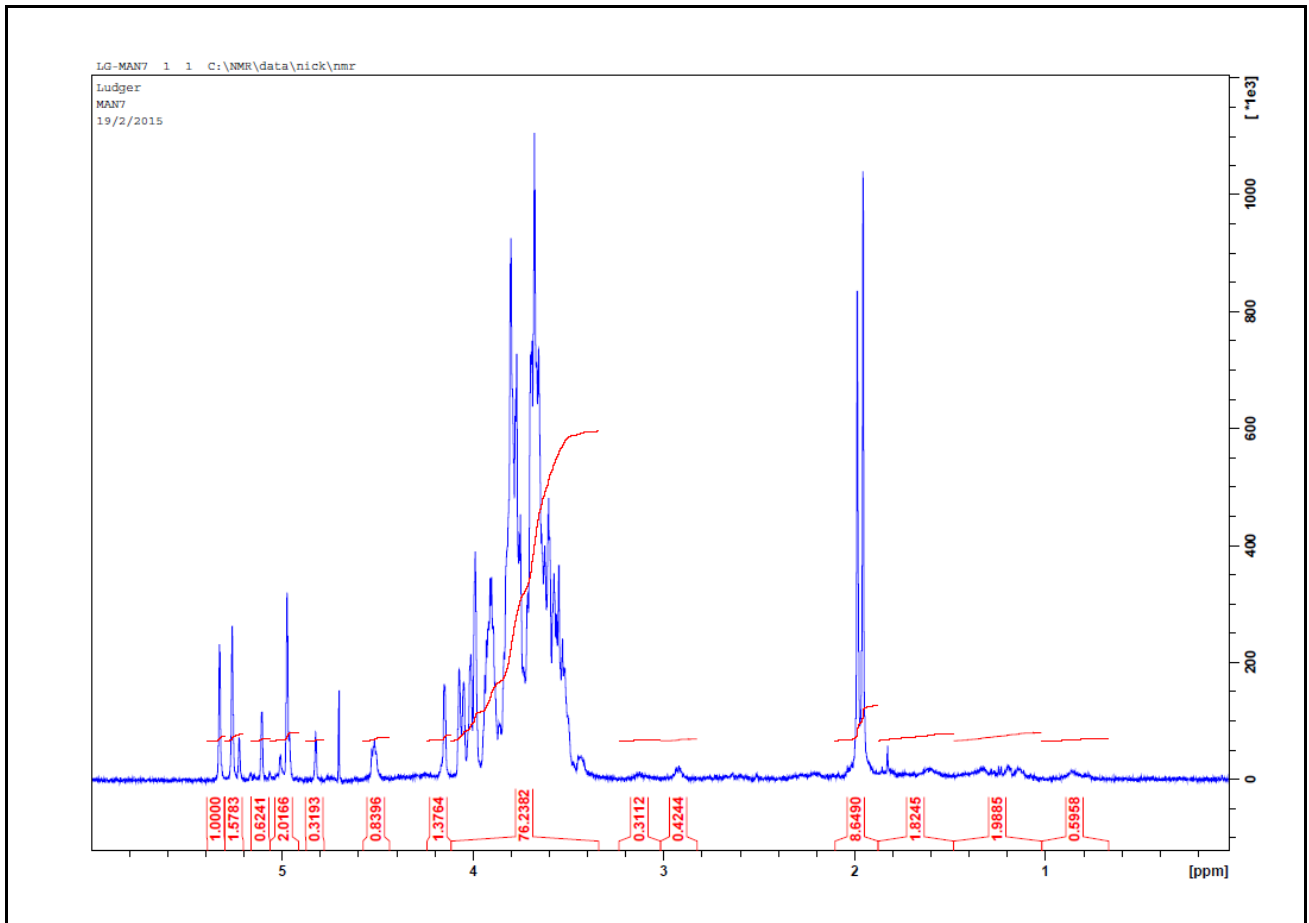


Figure 3: 500MHz $^1\text{H-NMR}$ of MAN7 glycan BULK (CN-MAN7-BULK, Batch B536-03).

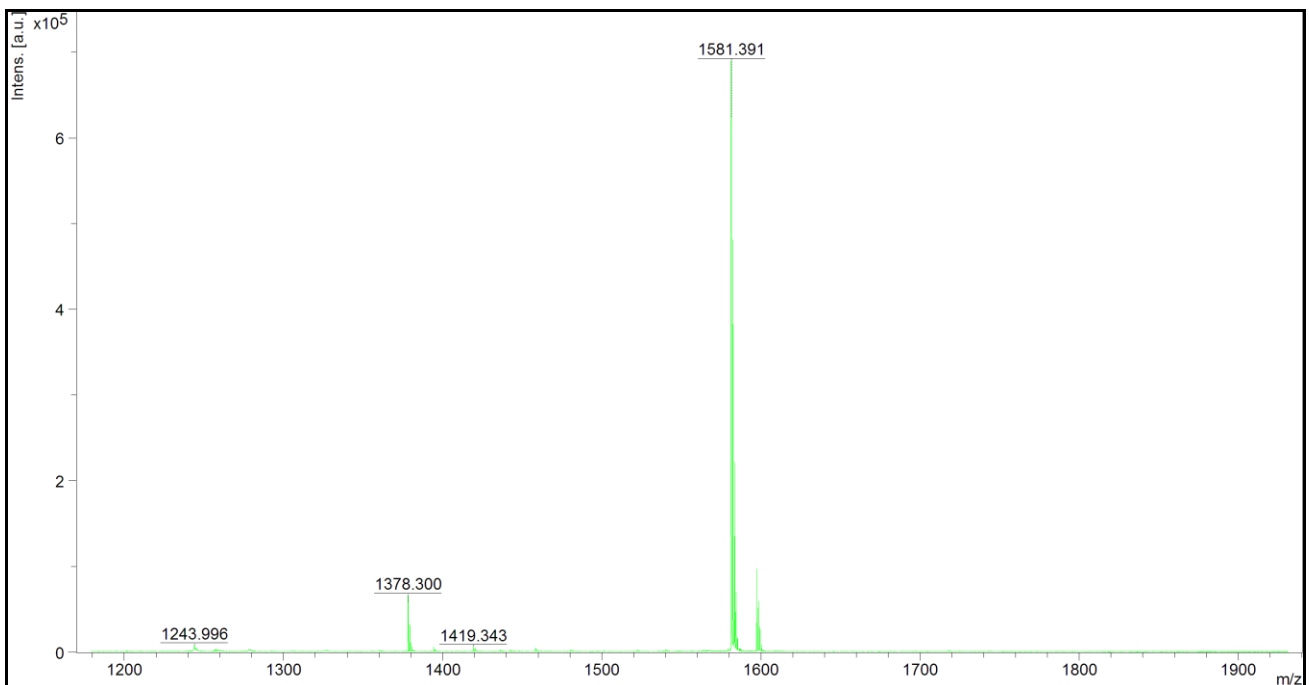


Figure 4: Positive ion mass spectrum of permethylated MAN7 glycan (CN-MAN7-10U, Batch B53N-02). Theoretical mass 1581.5 Da $[\text{M}+\text{Na}]^+$.