

Certificate of Analysis

M3N2 Glycan

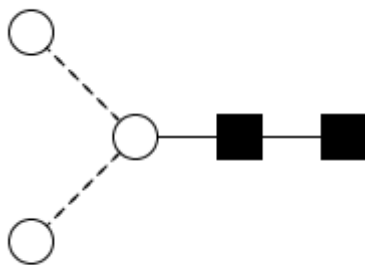
Cat. #: CN-M3N2-20U (2*10U) / CN-M3N2-10U

Batch: B53N-03

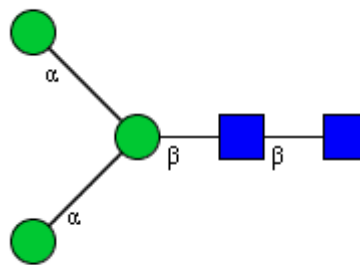
Size: 20 µg (2*10 µg) / 10 µg

Expiry: 20 MARCH 2020

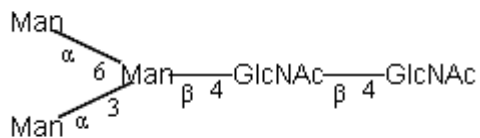
Structure



Oxford Notation



CFG Notation



Text Notation

Purity: 90.55% pure as assessed by HILIC Glycan chromatography of 2AB labeled glycan (see Fig 1).
HPAE-PAD, MS and NMR included as supporting data.

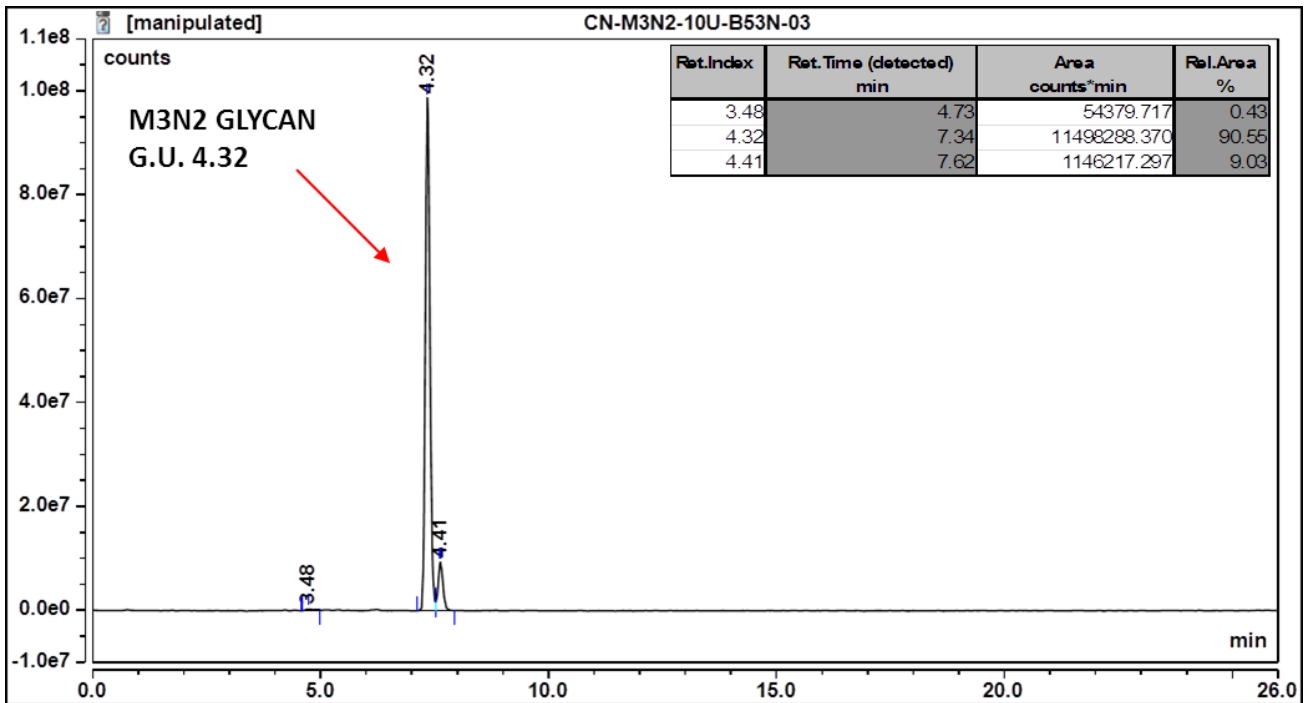


Figure 1: HILIC column UPLC chromatogram of 2AB labelled M3N2 glycan (CN-M3N2-10U, Batch B53N-03).

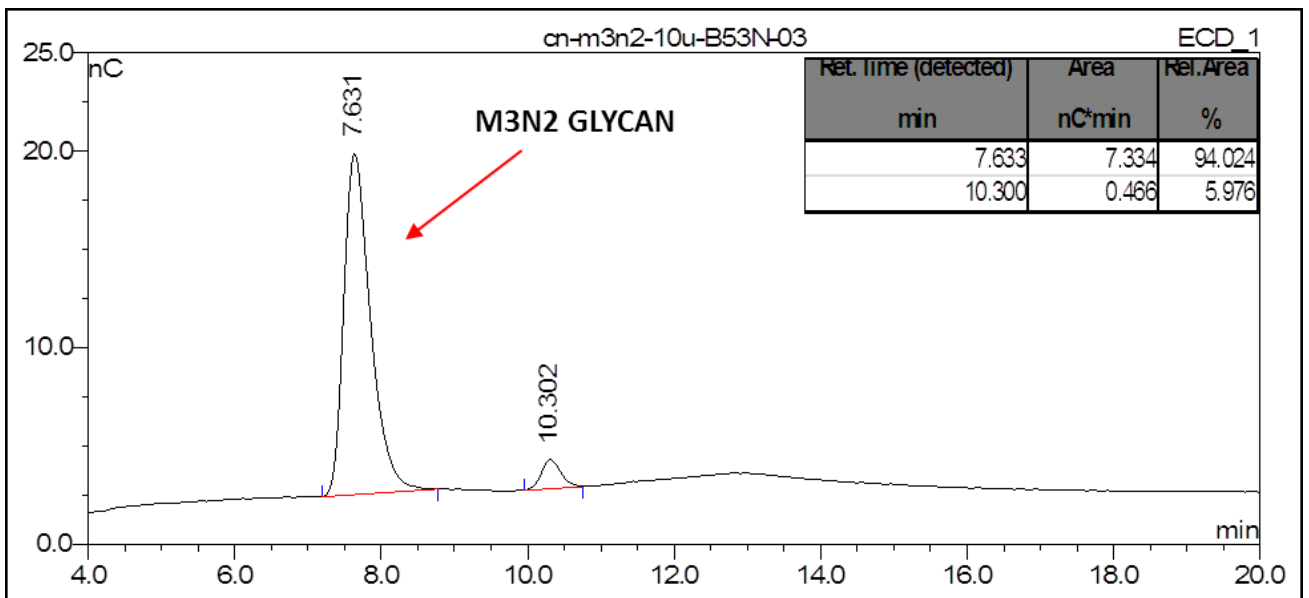


Figure 2: HPAE-PAD HPLC Profile of M3N2 glycan (CN-M3N2-10U, Batch B53N-03).

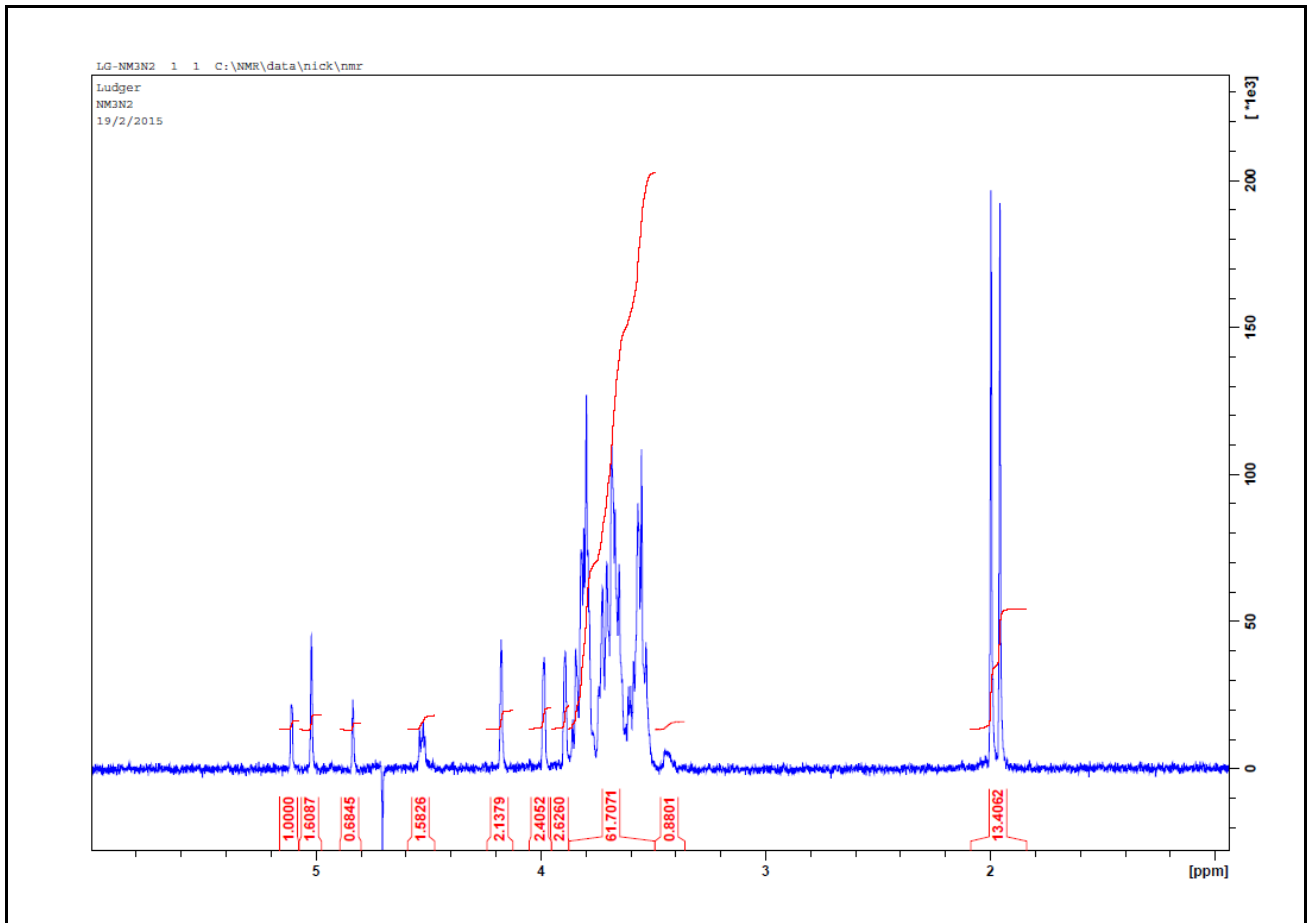


Figure 3: 500MHz $^1\text{H-NMR}$ of M3N2 glycan BULK (CN-M3N2-BULK, Batch B533-05).

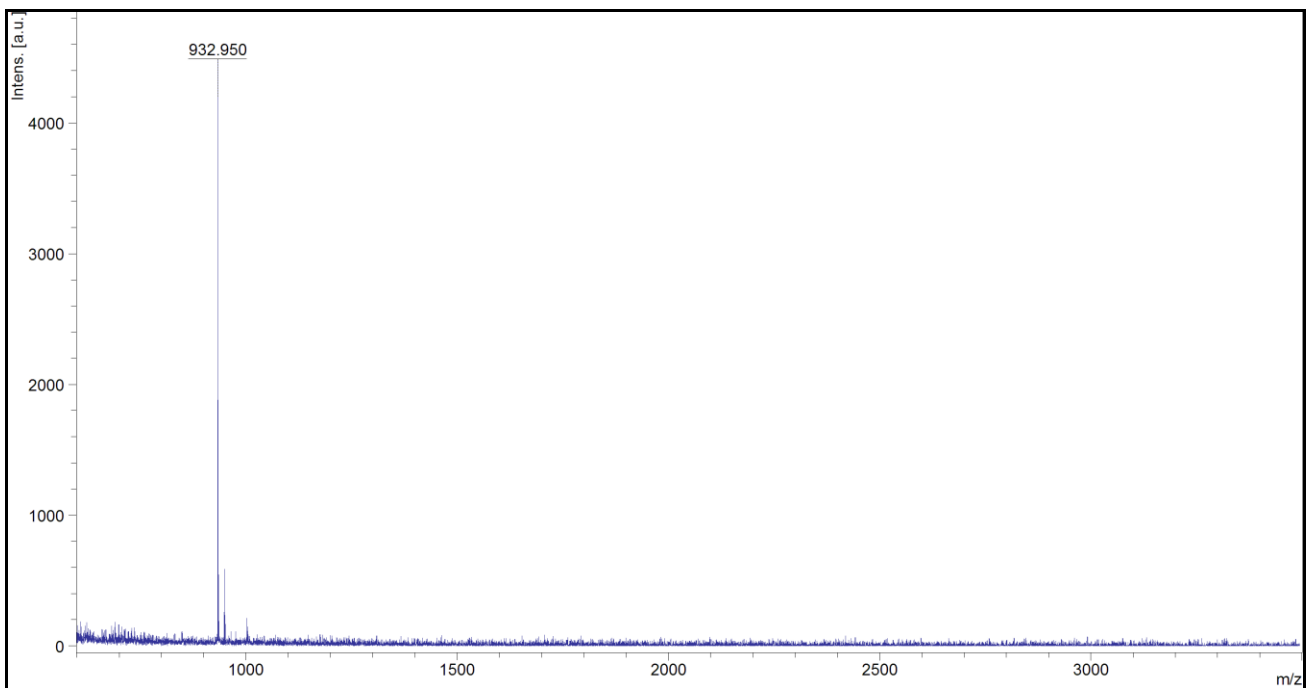


Figure 4: Positive ion mass spectrum of M3N2 glycan (CN-M3N2-10U, Batch B53N-03). Theoretical mass 933.31 Da $[\text{M}+\text{Na}]^+$.