

Certificate of Analysis

MAN5 Glycan

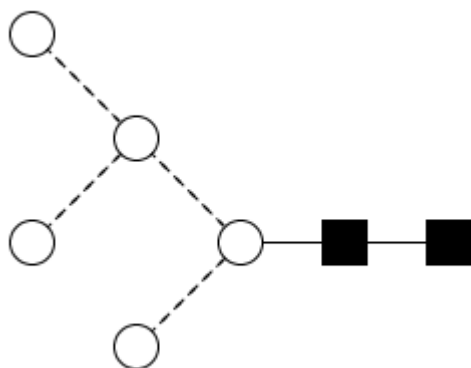
Cat. #: CN-MAN5-20U (2*10U) / CN-MAN5-10U

Batch: B62J-01

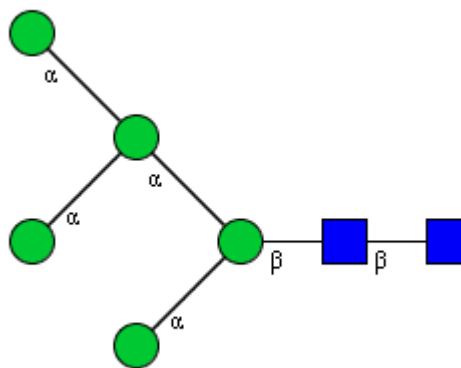
Size: 20 µg (2*10 µg) / 10 µg

Expiry: 04 APRIL 2021

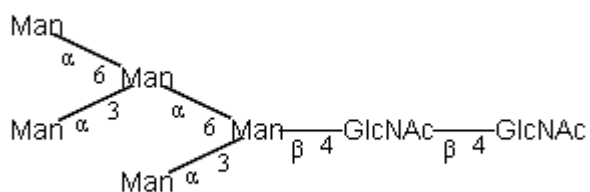
Structure



Oxford Notation



CFG Notation



Text Notation

Purity: 92.41% pure as assessed by HILIC Glycan chromatography of 2AB labeled glycan (see Fig 1).
HPAE-PAD, MS and NMR included as supporting data.

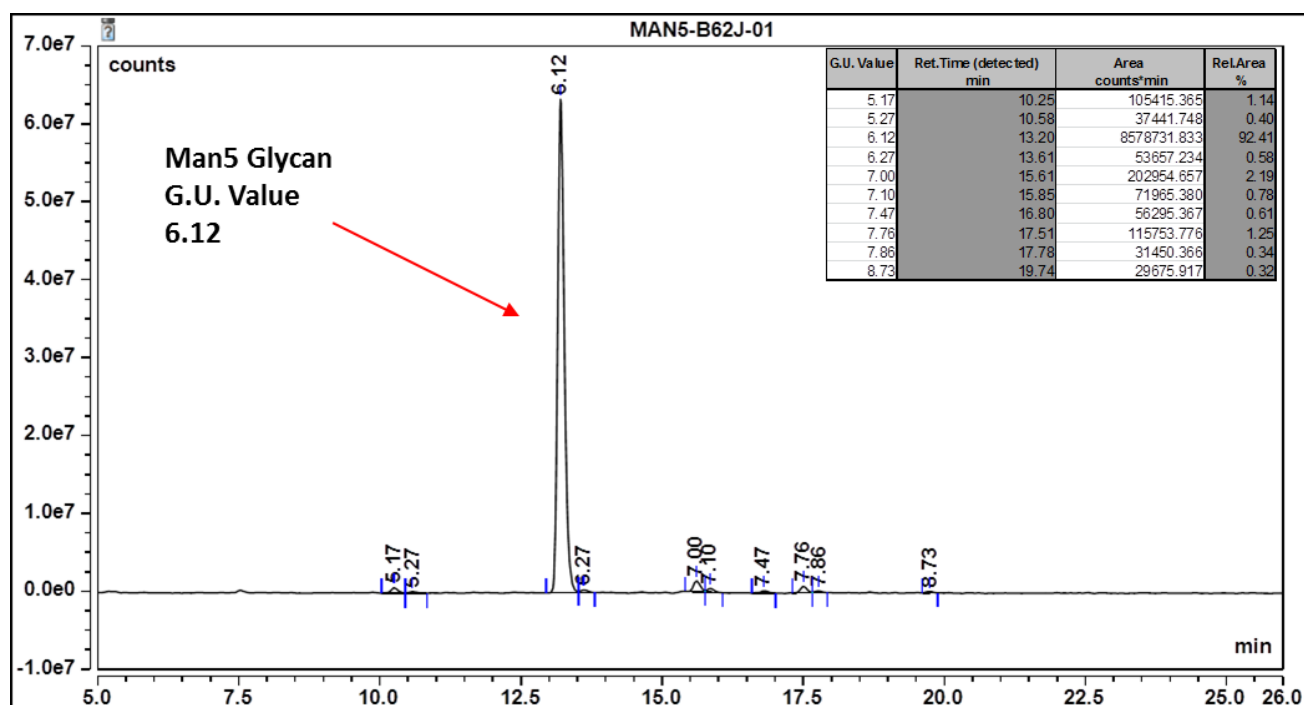


Figure 1: HILIC column UPLC chromatogram of 2AB labelled MAN5 glycan (CN-MAN5-10U, Batch B62J-01).

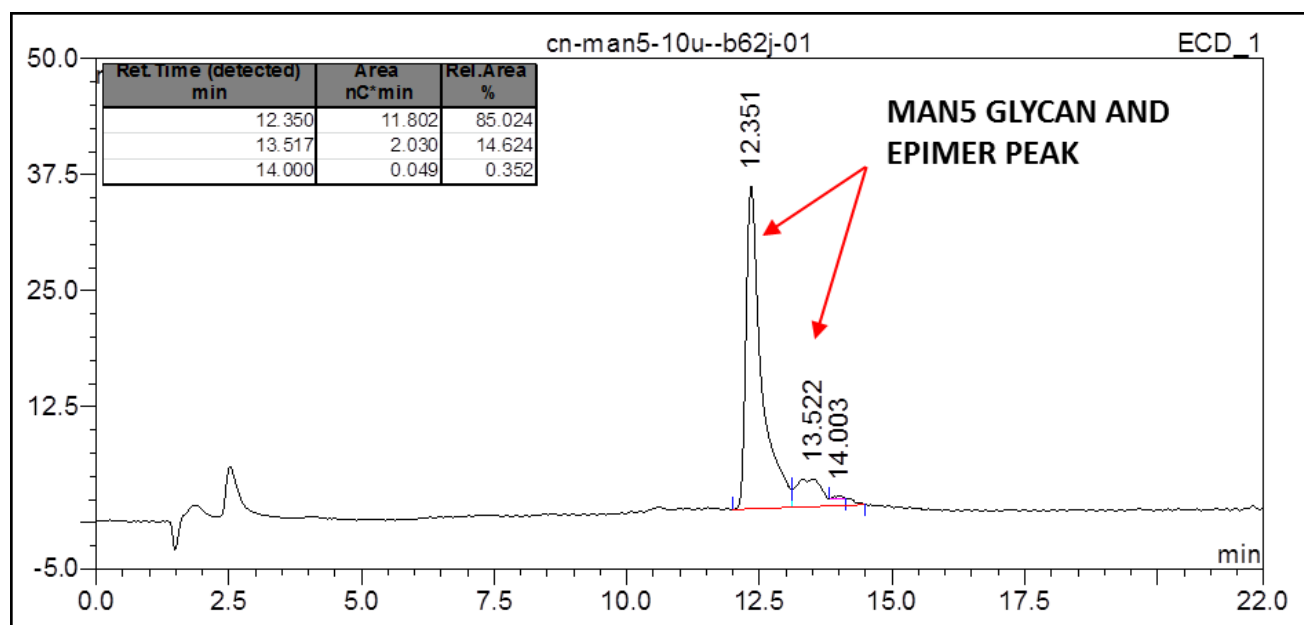


Figure 2: HPAE-PAD HPLC Profile of MAN5 glycan (CN-MAN5-10U, Batch B62J-01).

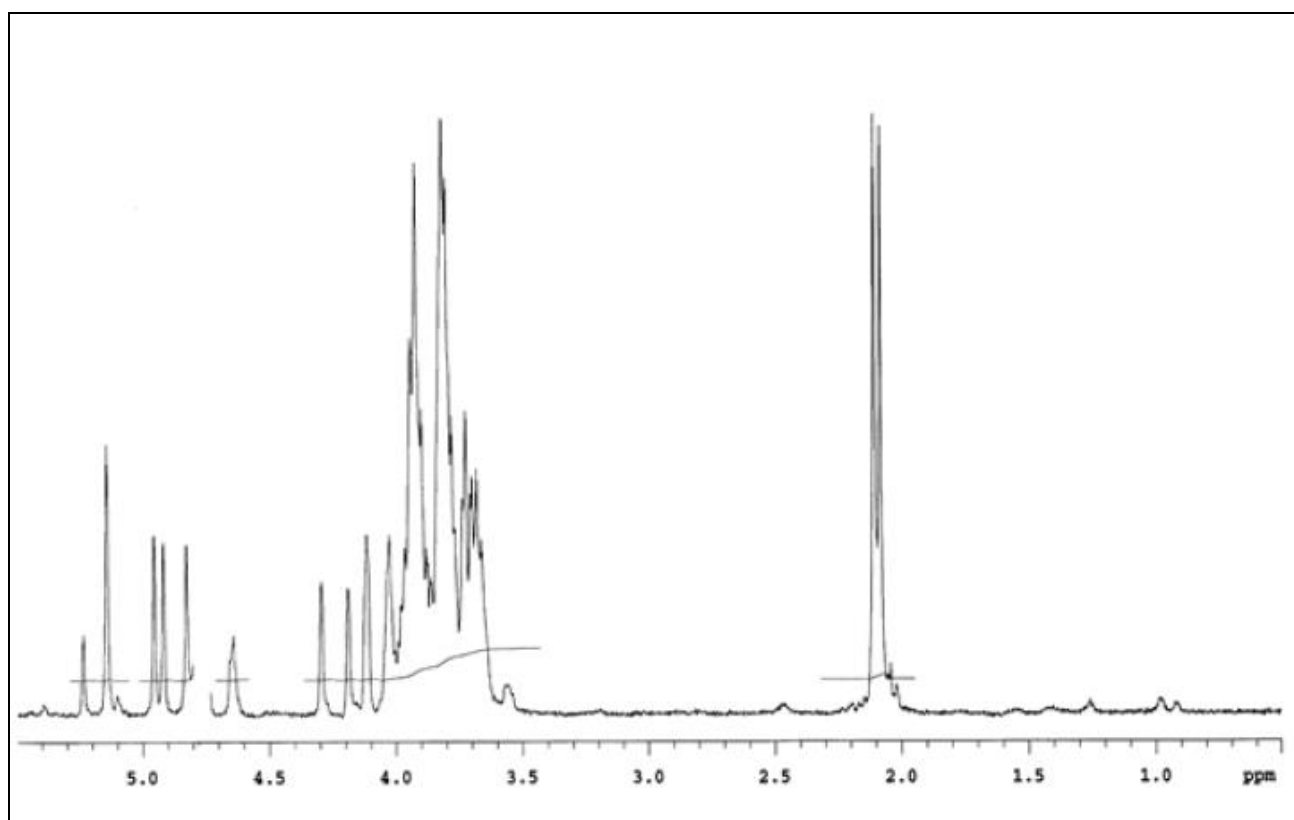


Figure 3: 500MHz ^1H -NMR of MAN5 glycan Bulk (CN-MAN5-BULK, Batch A2BI-01).

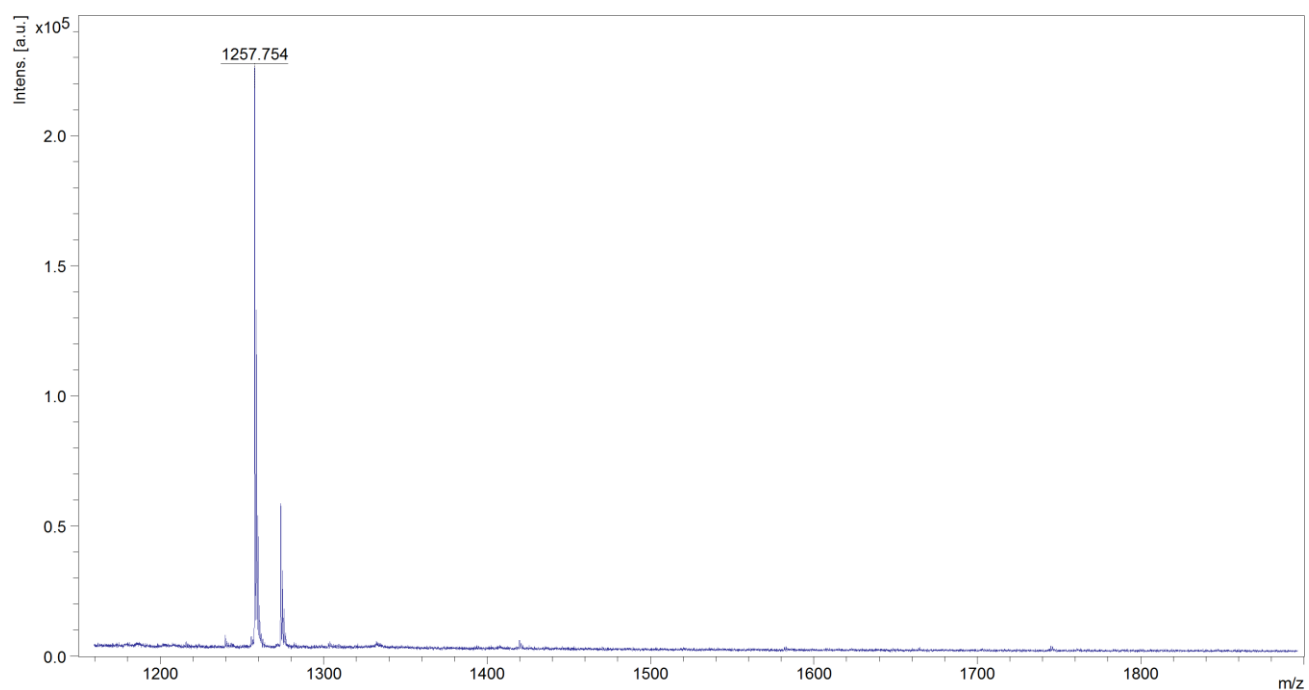


Figure 4: Positive ion mass spectrum of MAN5 glycan (CN-MAN5-10U, Batch B62J-01). Theoretical mass 1257.4 Da $[\text{M}+\text{Na}]^+$