

Certificate of Analysis

MAN8 Glycan

Cat. #: CN- MAN8-20U (2*10U) / CN- MAN8-10U

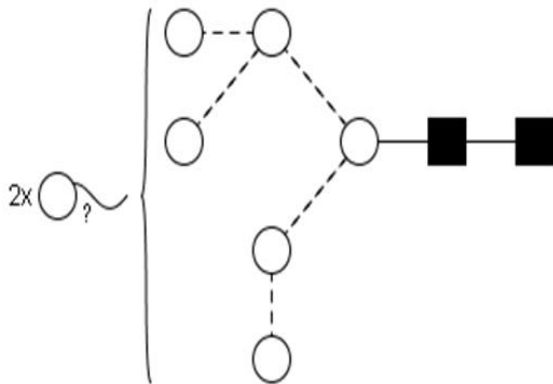
Batch: B498-03

Size: 20 µg (2*10 µg) / 10 µg

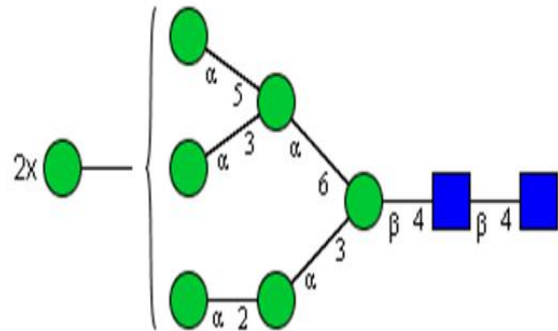
Alternative names

M8

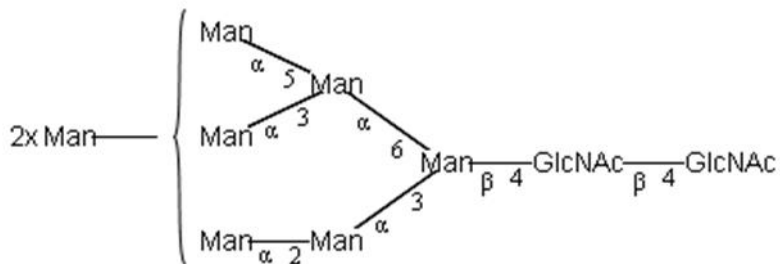
Structure



Oxford Notation



CFG Notation



Text Notation

Purity: 92.36% pure as assessed by HILIC Glycan chromatography of 2AB labeled glycan (see Fig 1).
HPAE-PAD, MS and NMR included as supporting data.

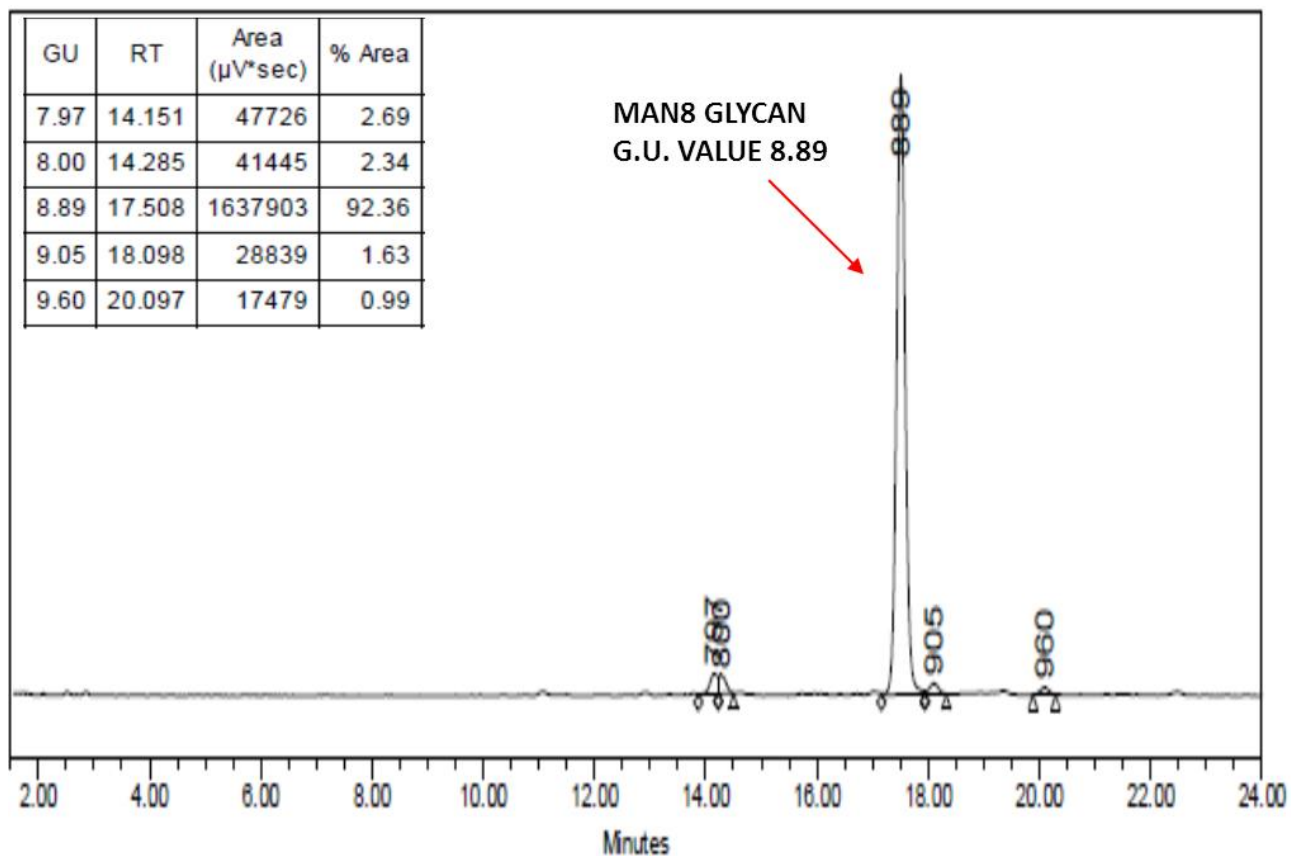


Figure 1: HILIC column UPLC chromatogram of 2AB labelled MAN8 glycan (CN- MAN8-10U, Batch B498-03).

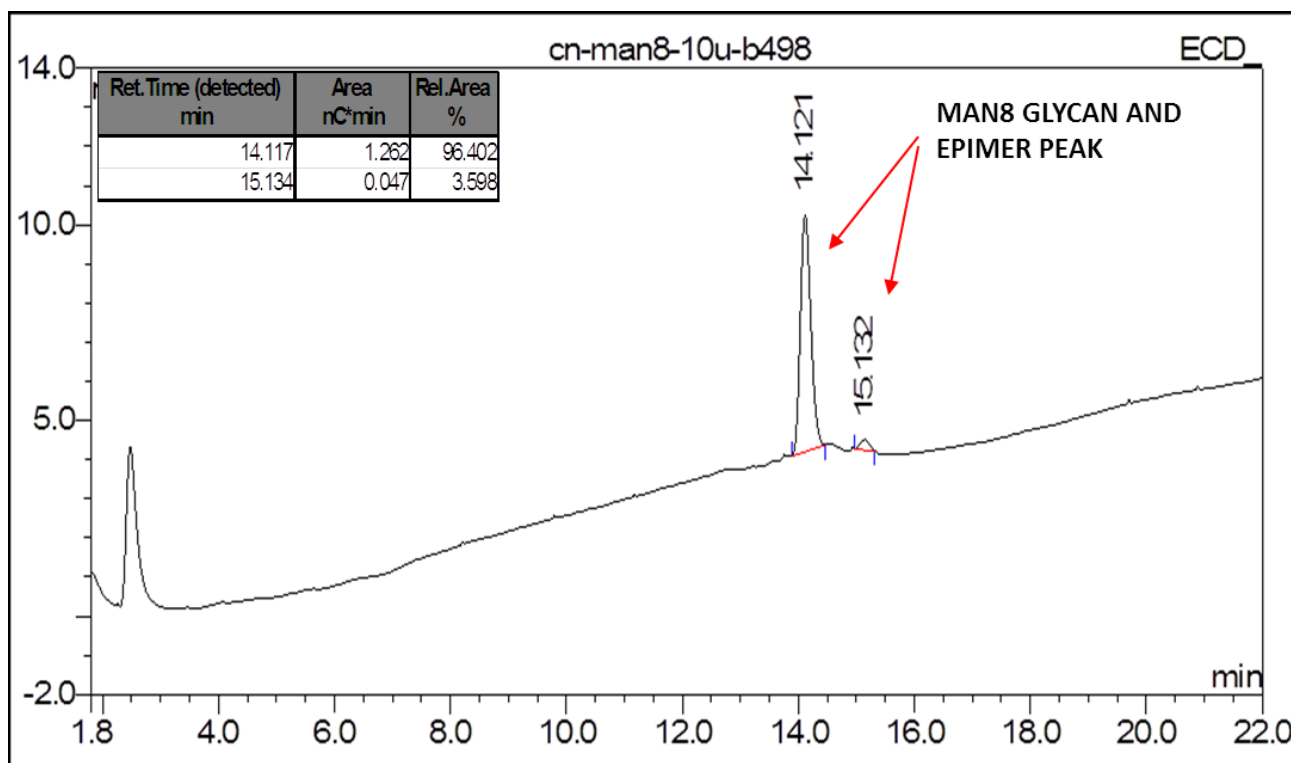


Figure 2: HPAE-PAD HPLC Profile of MAN8 (CN- MAN8-10U, Batch B498-03).

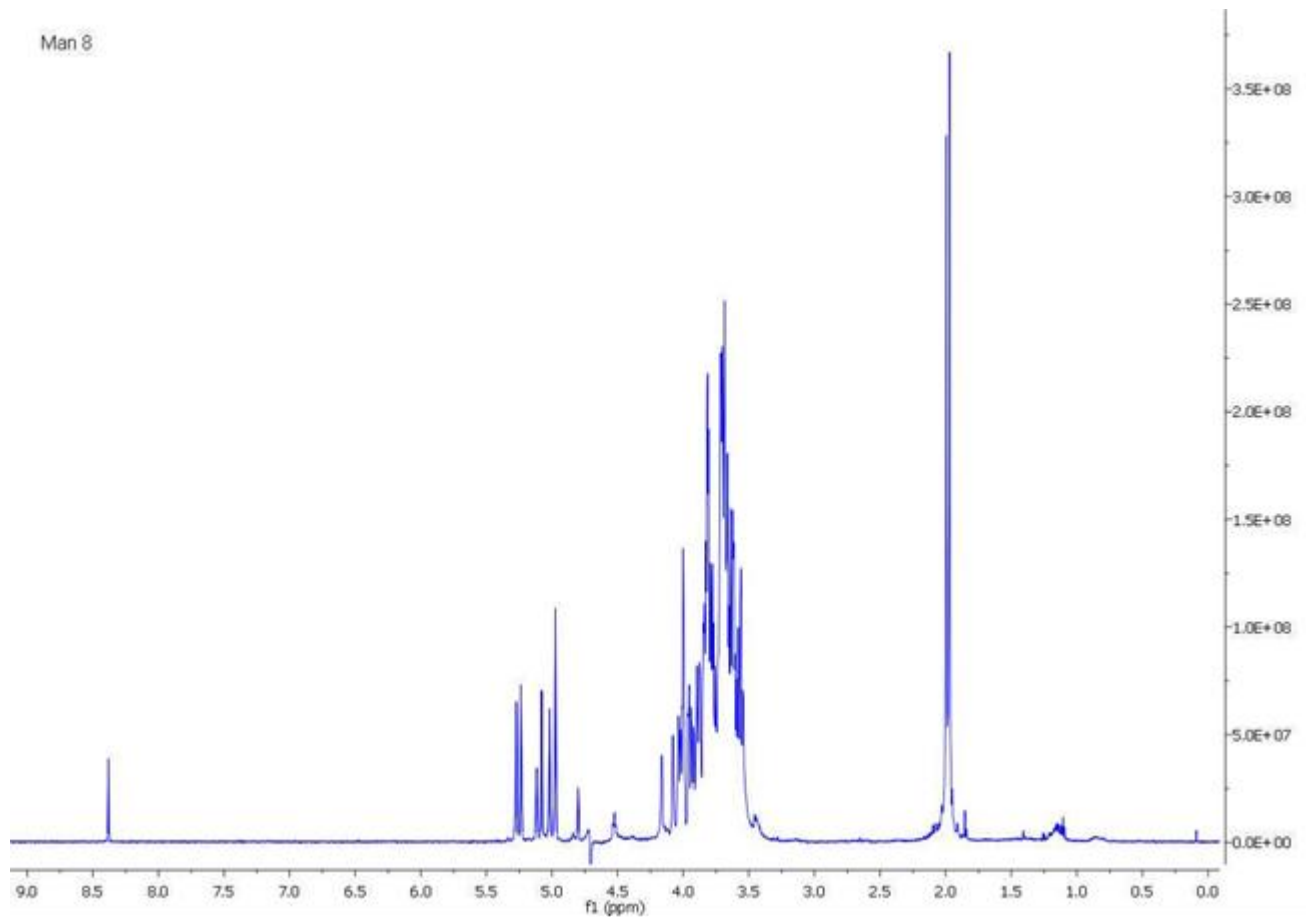


Figure 3: 500MHz $^1\text{H-NMR}$ of MAN8 glycan BULK (CN- MAN8-BULK, Batch B2A0-03).

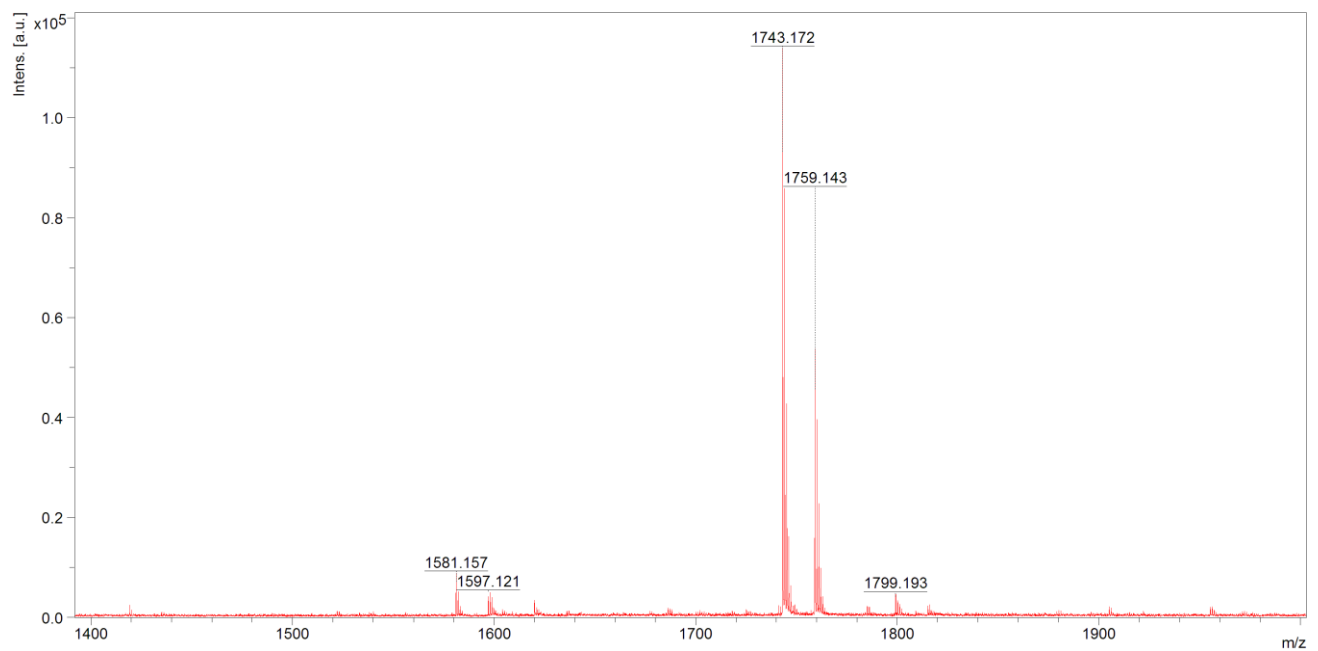


Figure 4: Positive ion mass spectrum of MAN8 glycan (CN- MAN8-10U, Batch B498-03). Theoretical mass 1743.5 Da $[\text{M}+\text{Na}]^+$. Peak at 1759.5 $[\text{M}+\text{K}]^+$. conforms to potassium adduct