

## Certificate of Analysis

### MAN 9 Glycan (M9)

Cat. #: CN-MAN9-20U

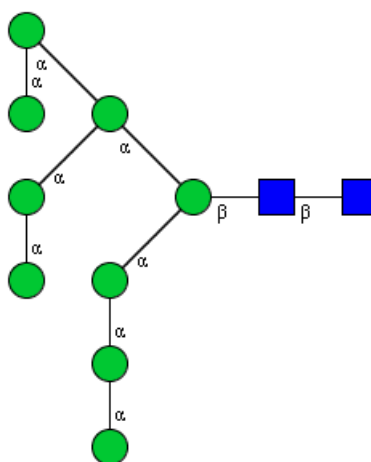
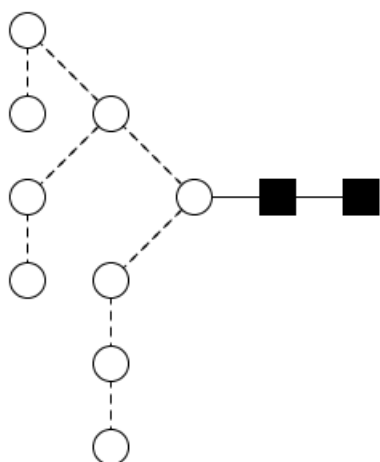
Batch: B168-07

Size: 20 µg

#### Alternative Names

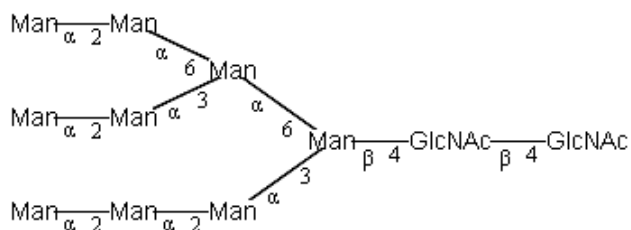
M9

#### Structure



Oxford Notation

CFG Notation



Text Notation

**Purity:** > 90% pure as assessed by a combination of HPAE-PAD (see Fig 1) and NMR (see Fig 2).

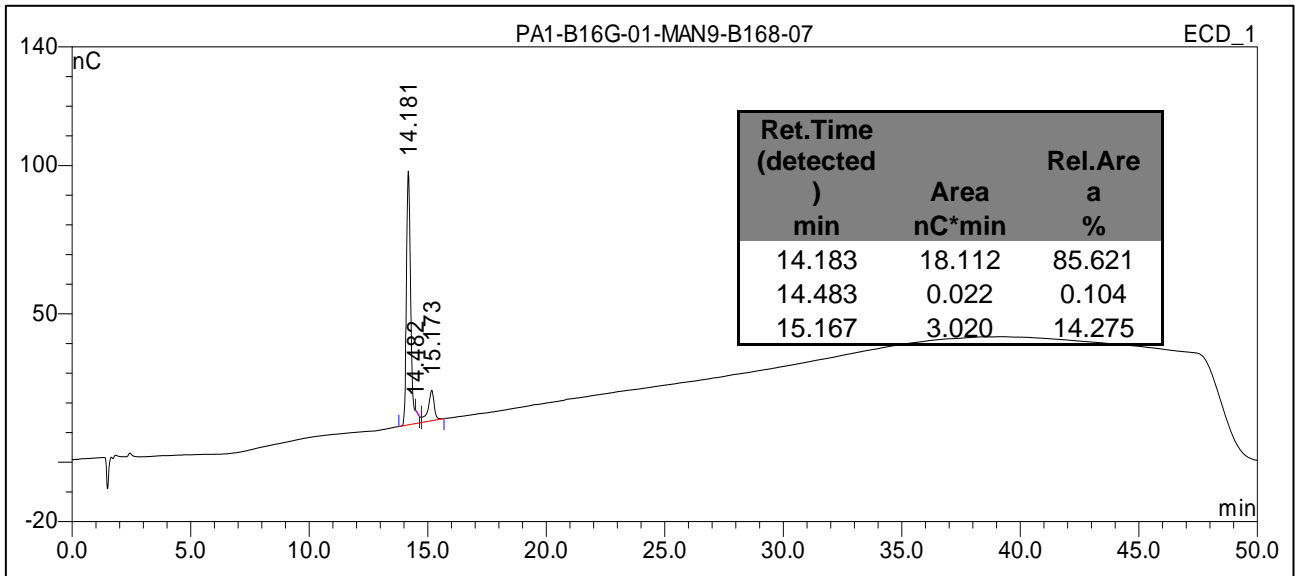


Figure 1: HPAE-PAD HPLC Profile of MAN 9 (CN-MAN9-20U, Batch B168-07).

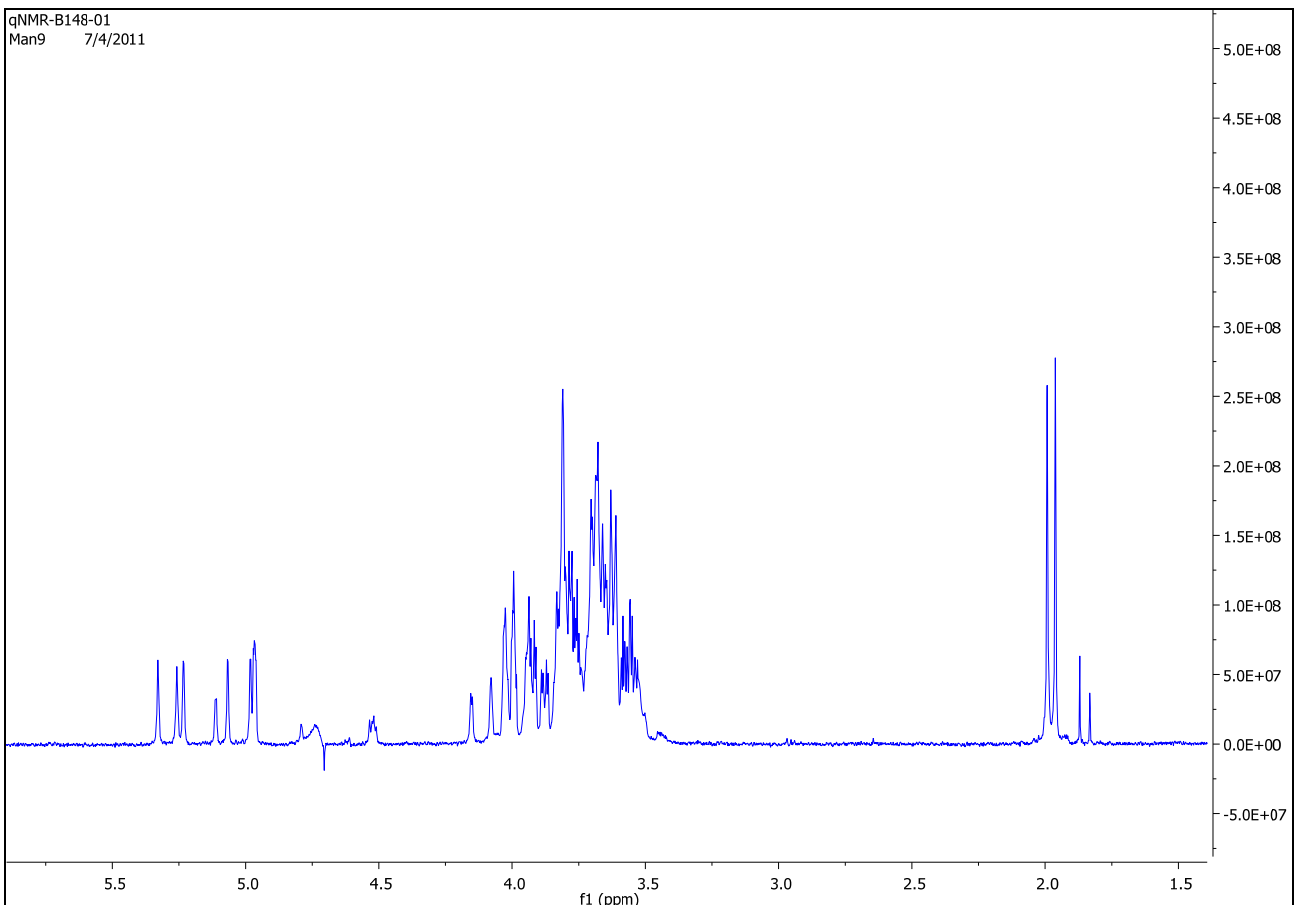


Figure 2: 500MHz <sup>1</sup>H-NMR of MAN 9 glycan BULK (CN-MAN9-BULK Batch B14C-01).

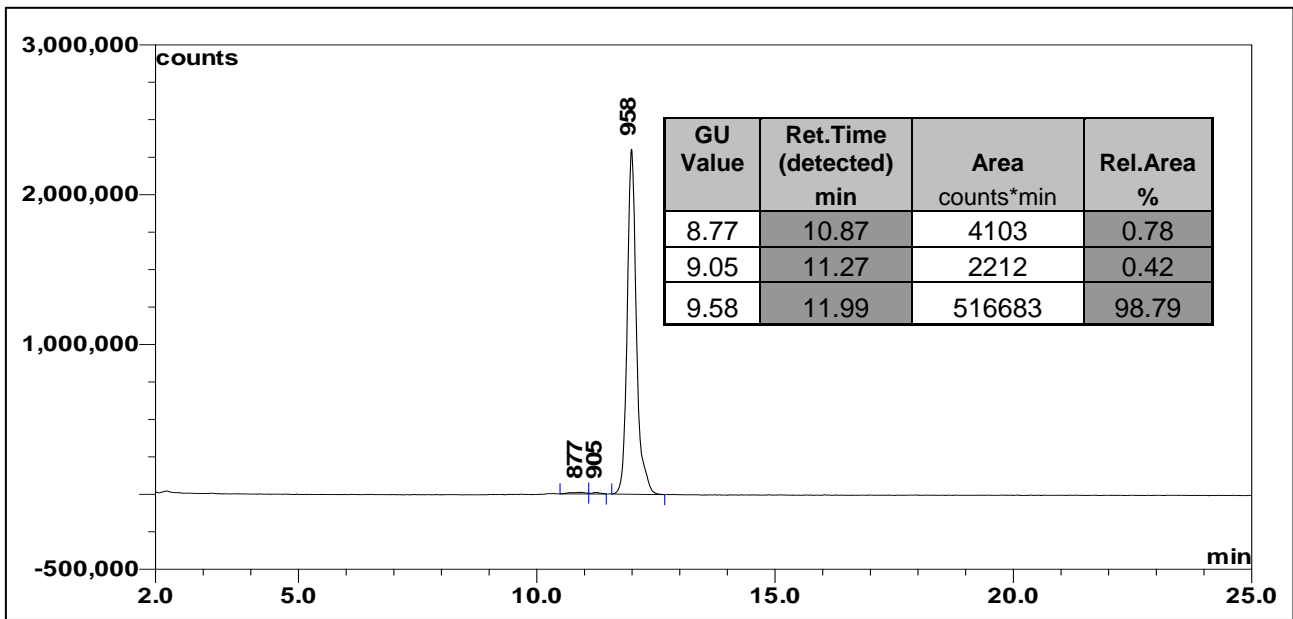


Figure 3: LudgerSepN2 chromatogram of 2AB labelled MAN 9 glycan (CN-MAN9-10U, Batch B168-07).

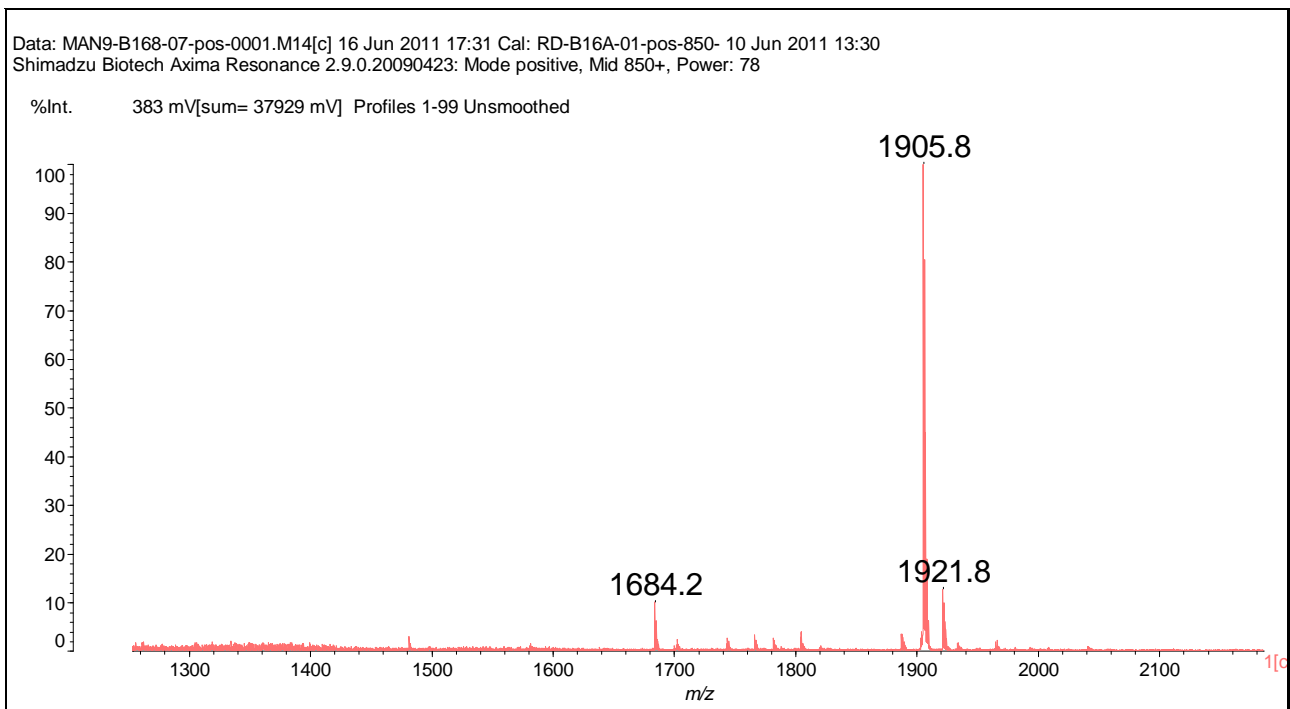


Figure 4: Positive/Negative ion mass spectrum of MAN 9 glycan (CN-MAN9-10U, Batch B168-07).  
 Theoretical mass 1905.6 Da  $[M+Na]^+$ .