

## Certificate of Analysis

### MAN9 Glycan

Cat. #: CN-MAN9-20U (2\*10U) / CN-MAN9-10U

Batch: B53K-02

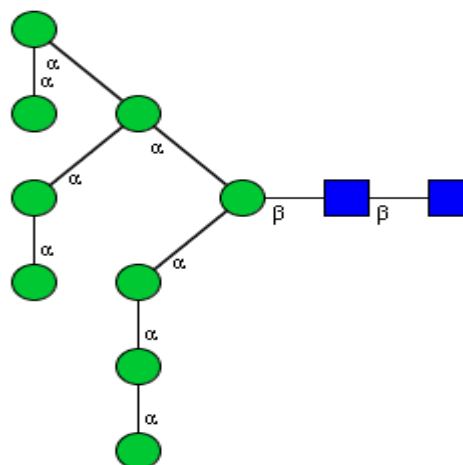
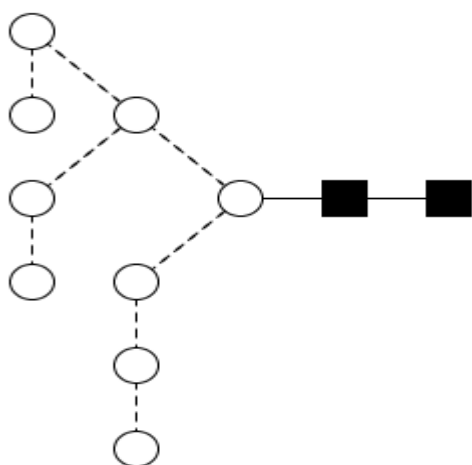
Size: 20 µg (2\*10 µg) / 10 µg

Expiry: 20 MARCH 2020

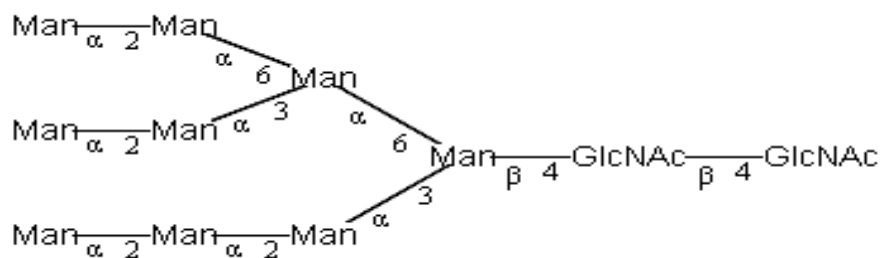
#### Alternative names

M9

#### Structure



#### Oxford Notation



#### CFG Notation

#### Text Notation

**Purity:** 80.14% pure as assessed by HILIC Glycan chromatography of 2AB labeled glycan (see Fig 1).  
HPAE-PAD, MS and NMR included as supporting data.

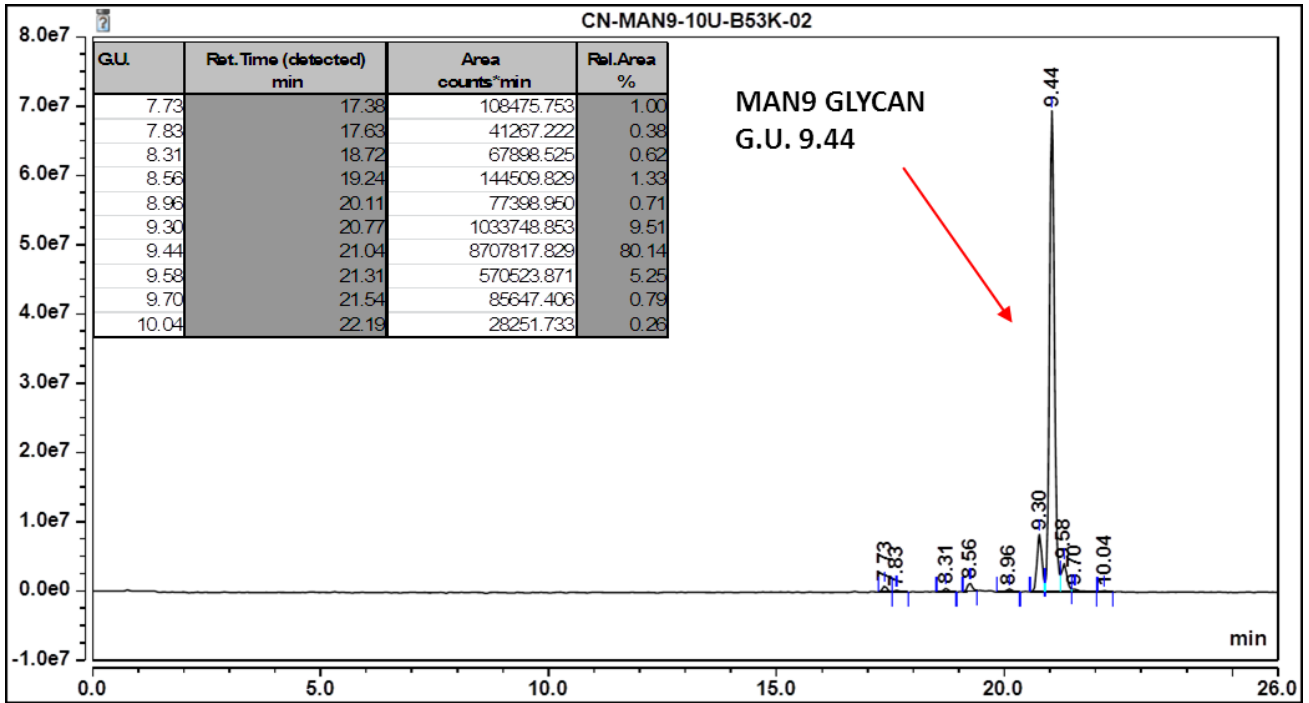


Figure 1: HILIC column UPLC chromatogram of 2AB labelled MAN9 glycan (CN-MAN9-10U, Batch B53K-02).

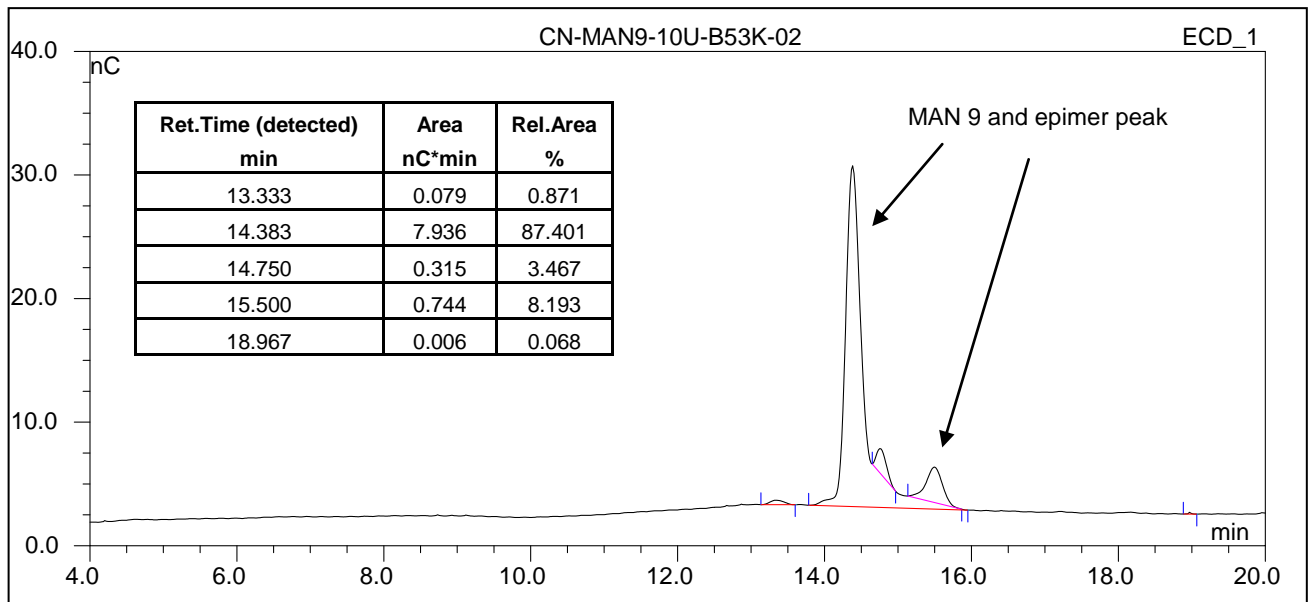


Figure 2: HPAE-PAD HPLC Profile of MAN9 (CN-MAN9-10U, Batch B53K-02).

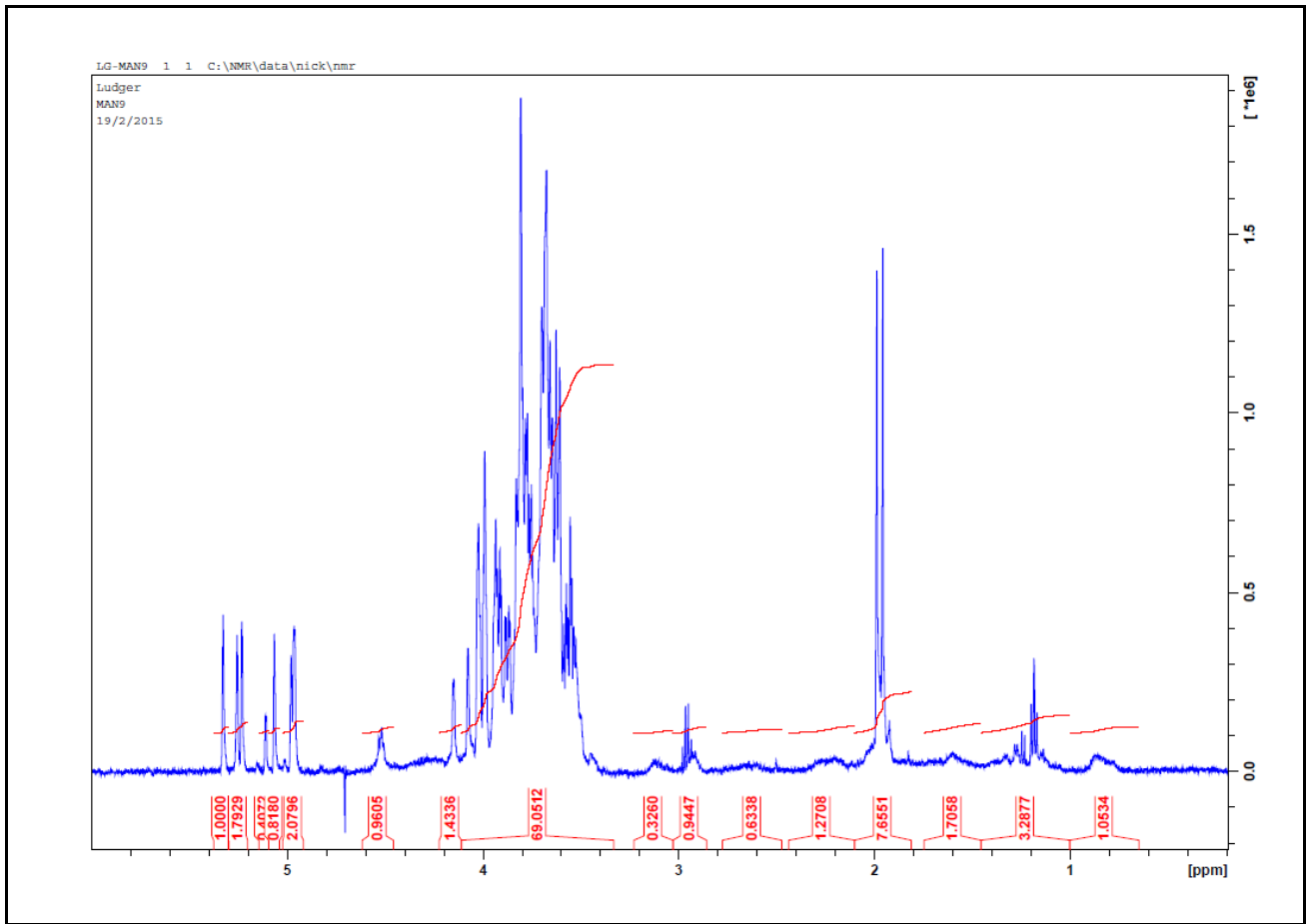


Figure 3: 500MHz  $^1\text{H-NMR}$  of MAN9 glycan BULK (CN-MAN9-BULK, Batch B536-01).

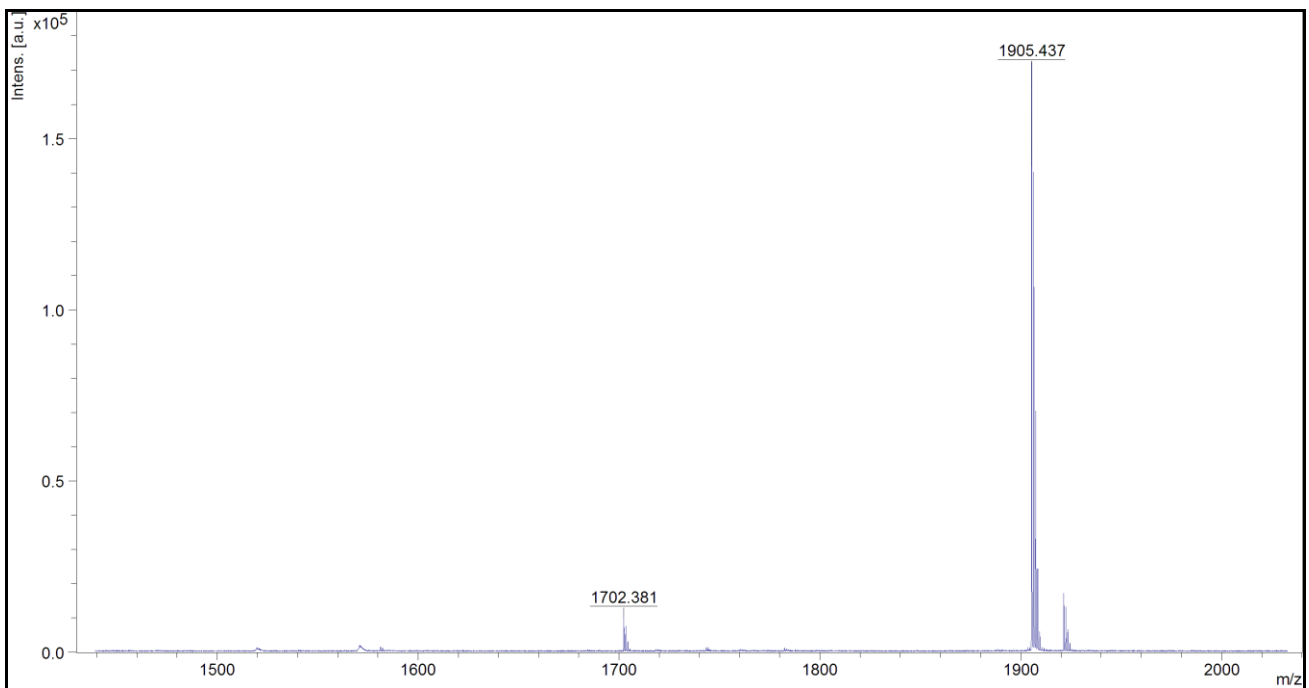


Figure 4: Positive ion mass spectrum of MAN9 glycan (CN-MAN9-10U, Batch B53K-02). Theoretical mass 1905.6 Da  $[\text{M}+\text{Na}]^+$ .