

## Certificate of Analysis

### NGA2 Glycan

Cat. #: CN-NGA2-20U (2\*10U) / CN-NGA2-10U

Batch: B51Q-03

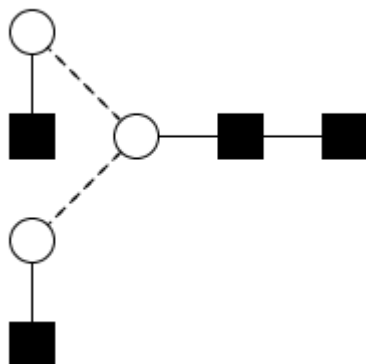
Size: 20 µg (2\*10 µg) / 10 µg

Expiry: 26 Jan 2020

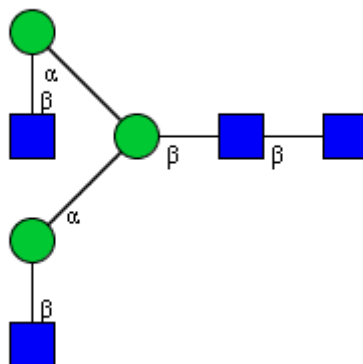
#### Alternative names

A2

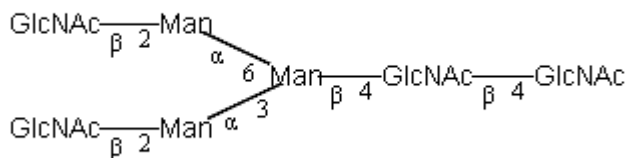
#### Structure



Oxford Notation



CFG Notation



Text Notation

**Purity:** 93.2% pure as assessed by HILIC Glycan chromatography of 2AB labeled glycan (see Fig 1).  
HPAE-PAD, MS and NMR included as supporting data.

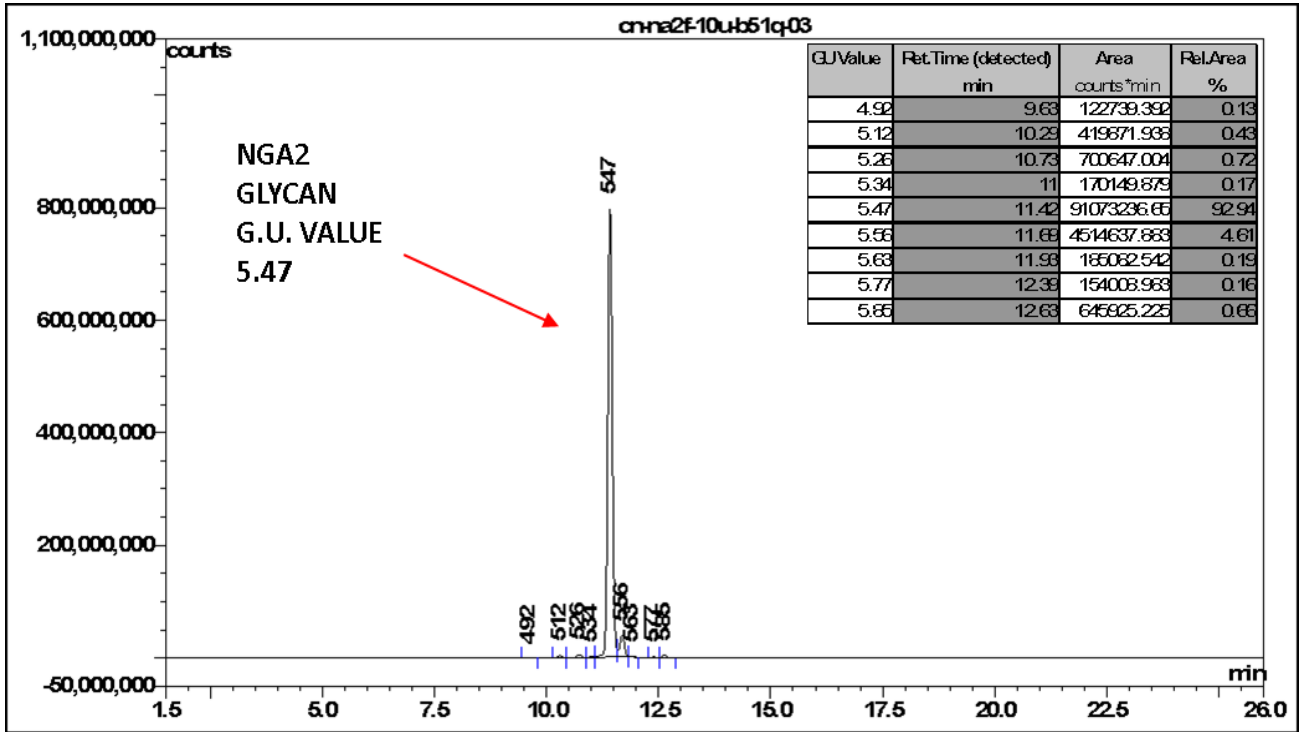


Figure 1: HILIC column UPLC chromatogram of 2AB labelled NGA2 glycan (CN-NGA2-10U, Batch B51Q-03).

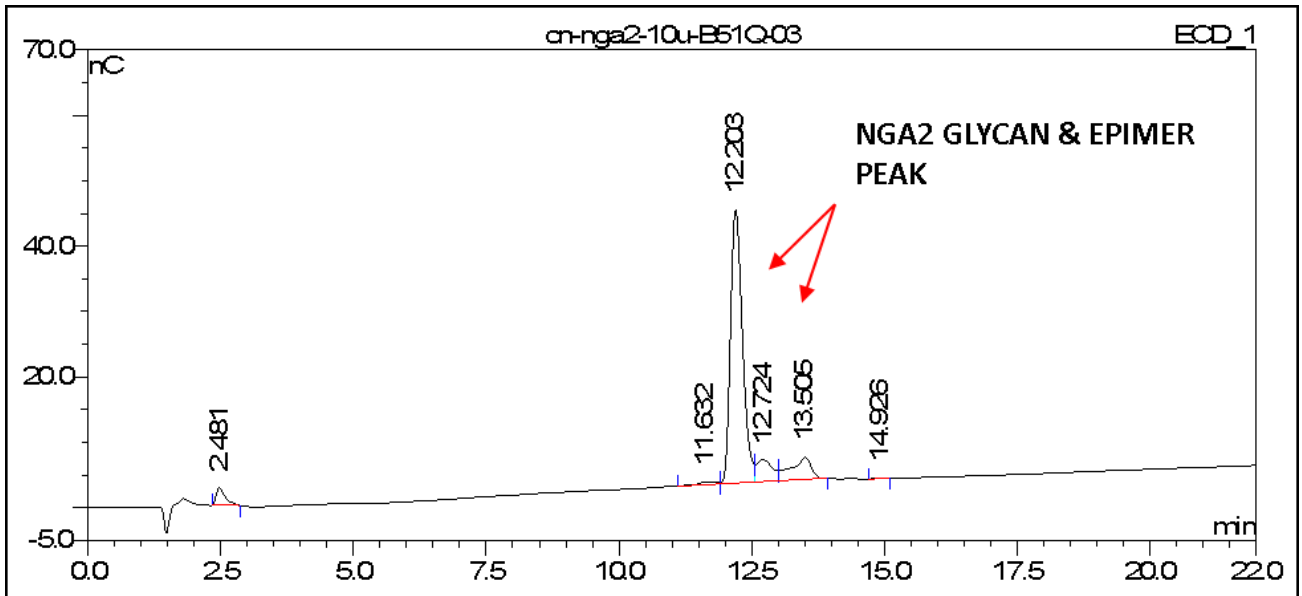


Figure 2: HPAE-PAD HPLC Profile of NGA2 (CN-NGA2-10U, Batch B51Q-03).

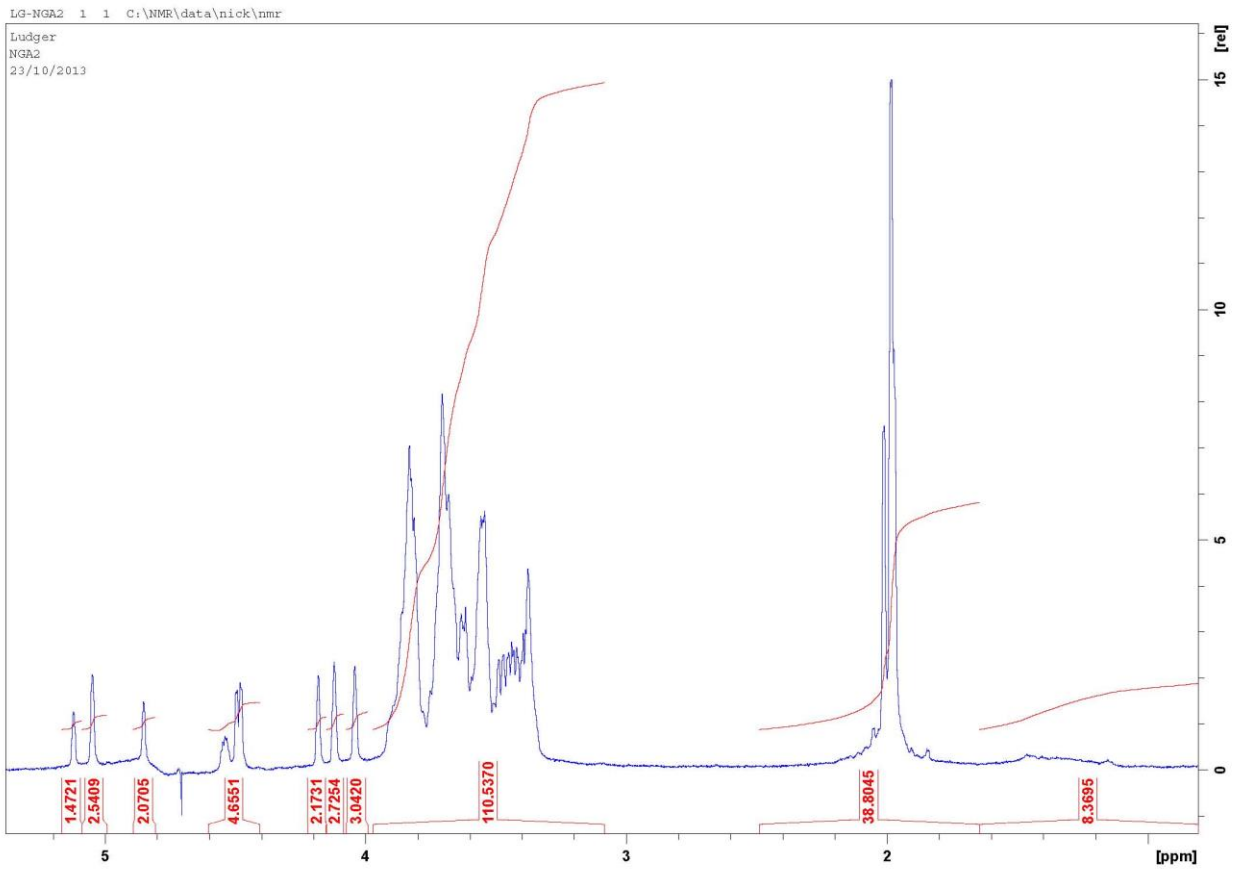


Figure 3: 500MHz <sup>1</sup>H-NMR of NGA2 glycan BULK (CN-NGA2-BULK, Batch B3AT-04).

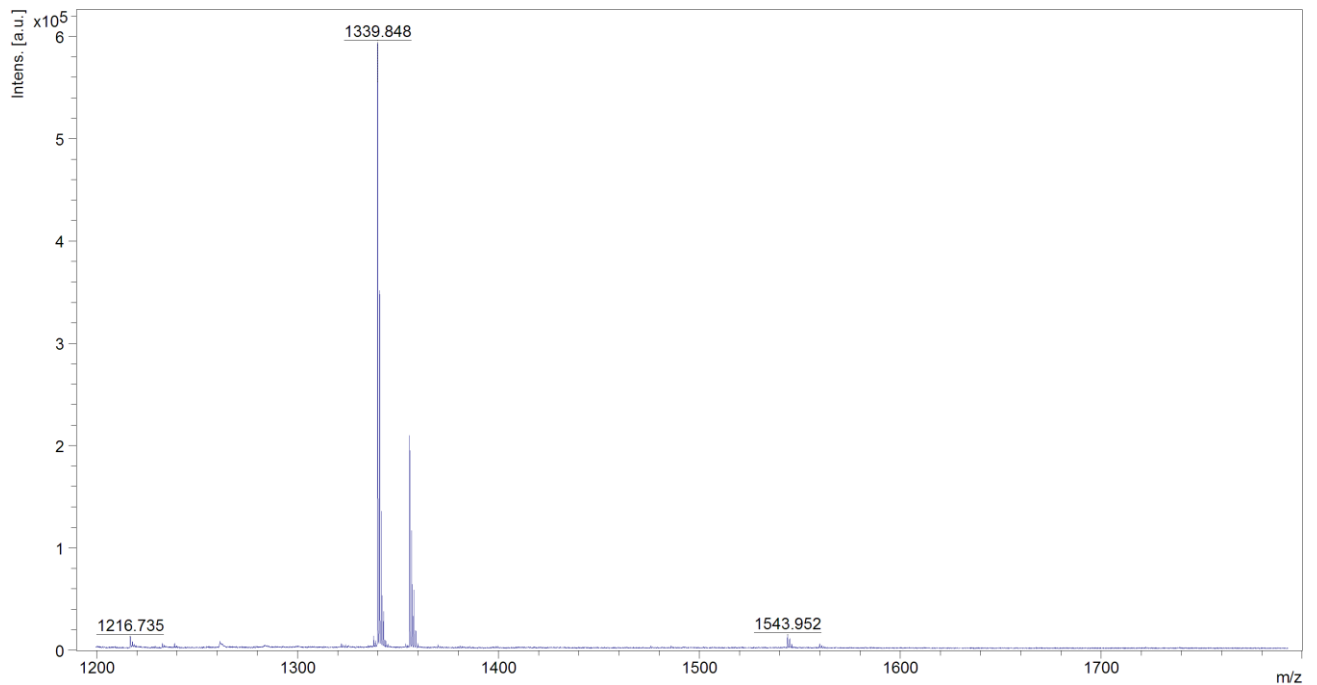
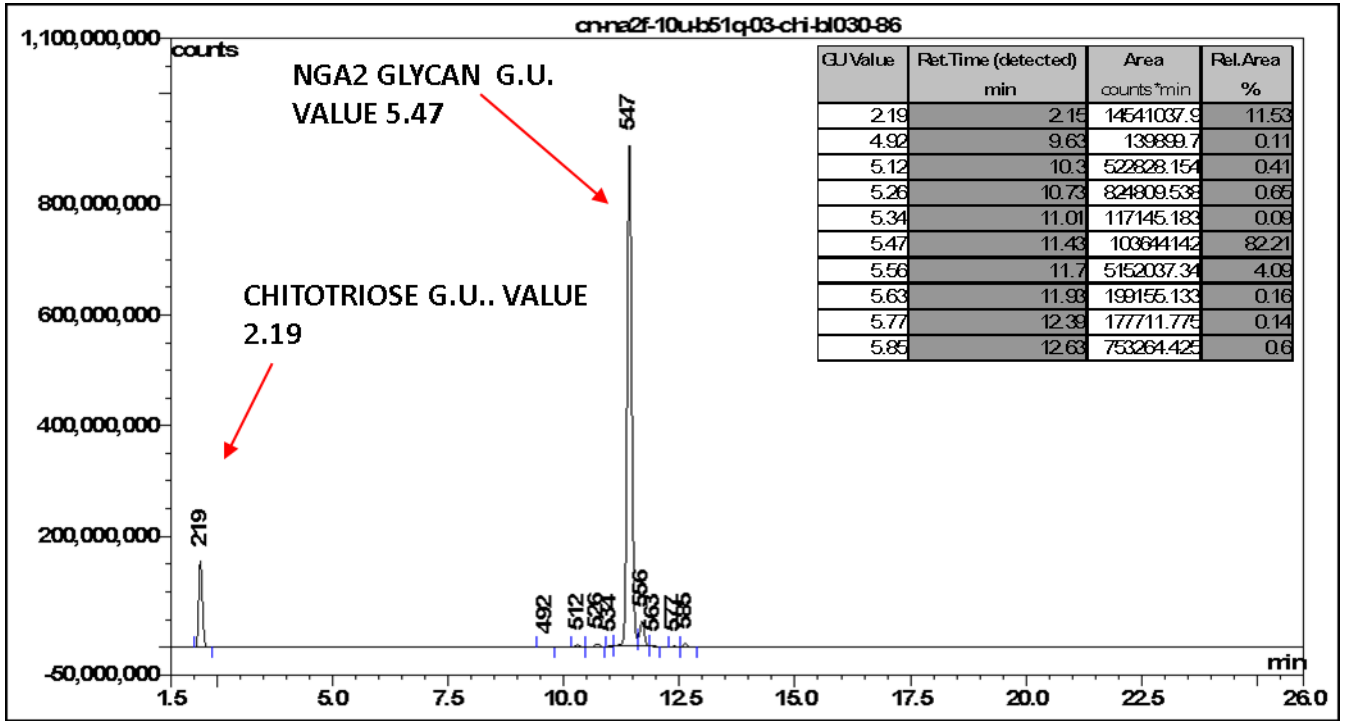


Figure 4: Positive ion mass spectrum of NGA2 glycan (CN-NGA2-10U, Batch B51Q-03). Theoretical mass 1339.4 Da [M+Na]<sup>+</sup>.



Supplementary; chitotriose peak area (BLO30-86) vs NGA2 peak area (B51Q-03)