

## Certificate of Analysis

### NGA4 Glycan

Cat. #: CN-NGA4-20U (2\*10U) / CN-NGA4-10U

Batch: B86S-02

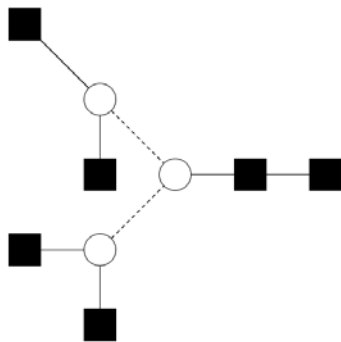
Size: 20 µg (2\*10 µg) / 10 µg

Expiry Date: 29 Jun 2023

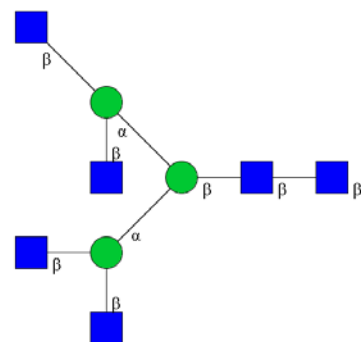
### Alternative Names

A4

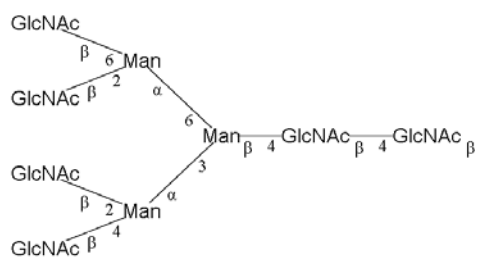
### Glycan Structure



*Oxford Notation*



*CFG Notation*



*Text Notation*

**Purity:** 88.2% pure as assessed by HILIC Glycan chromatography of 2AB labeled glycan (see Fig 1).  
HPAE-PAD, MS and NMR included as supporting data.

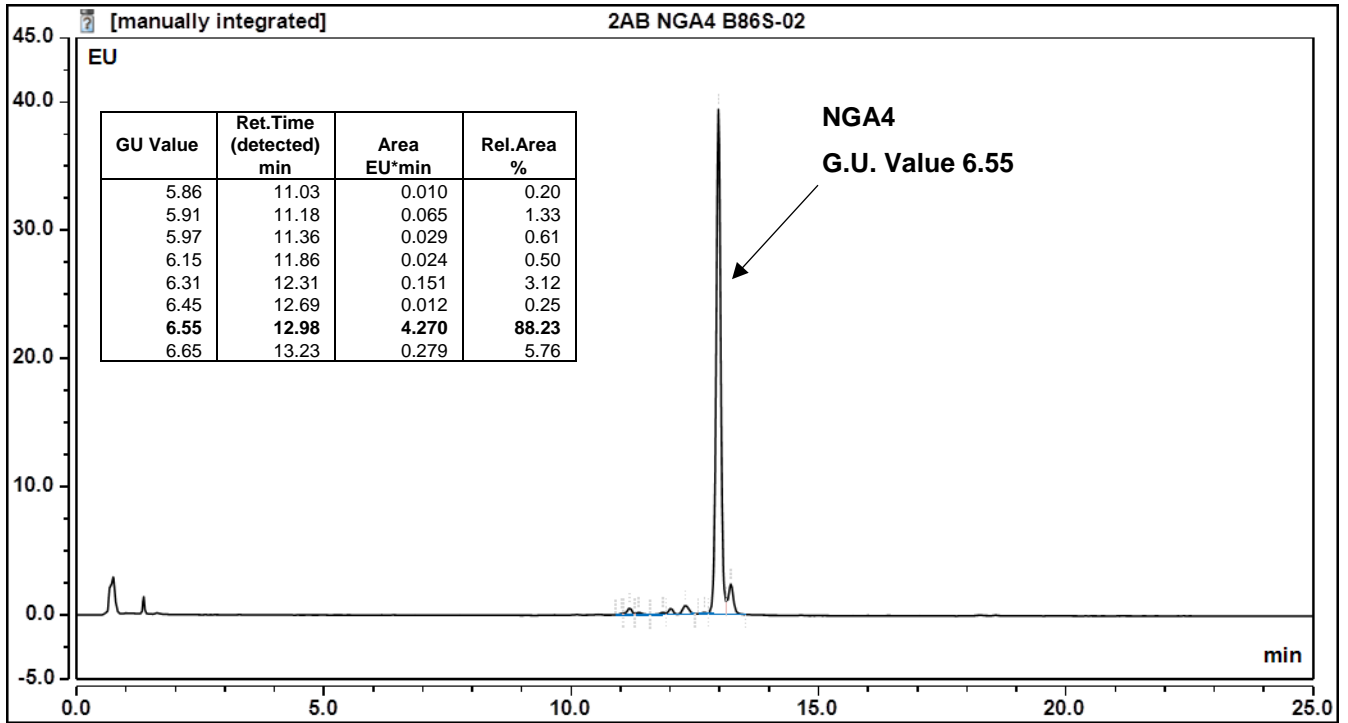


Figure 1: HILIC column UPLC chromatogram of 2AB labeled NGA4 glycan (CN-NGA4-10U, Batch B86S-02)

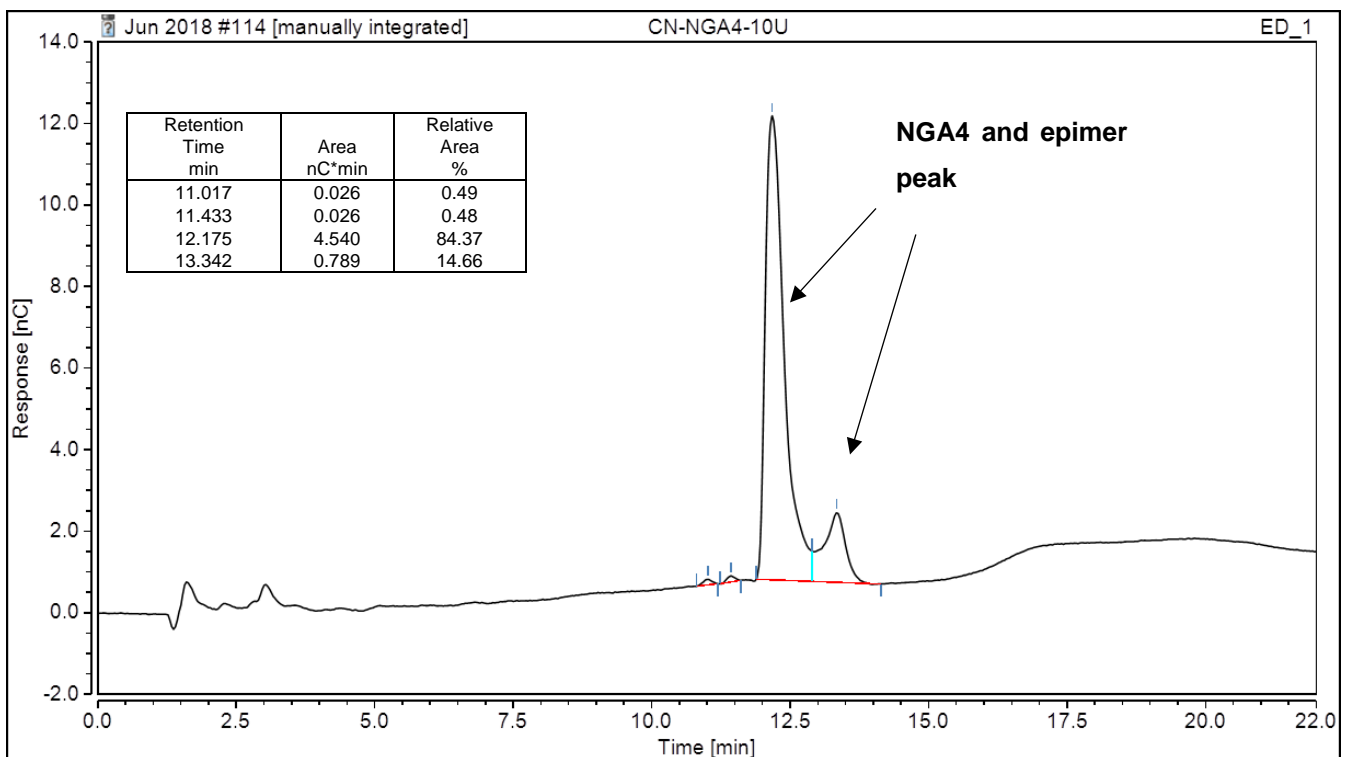


Figure 2: HPAE-PAD HPLC Profile of NGA4 (CN-NGA4-10U, Batch B86S-02)

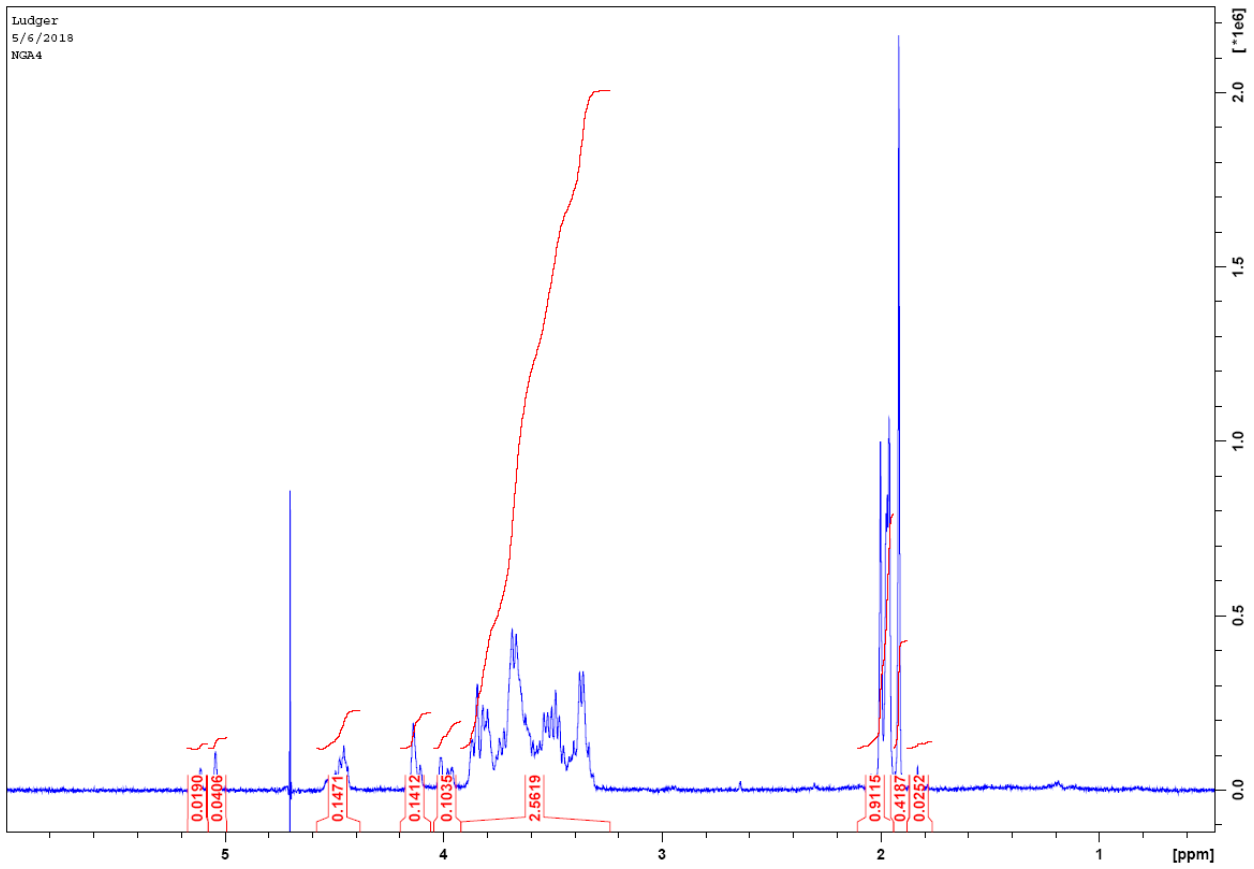


Figure 3: 500MHz  $^1\text{H-NMR}$  of NGA4 glycan BULK (CN-NGA4-BULK, Batch B86P-04)

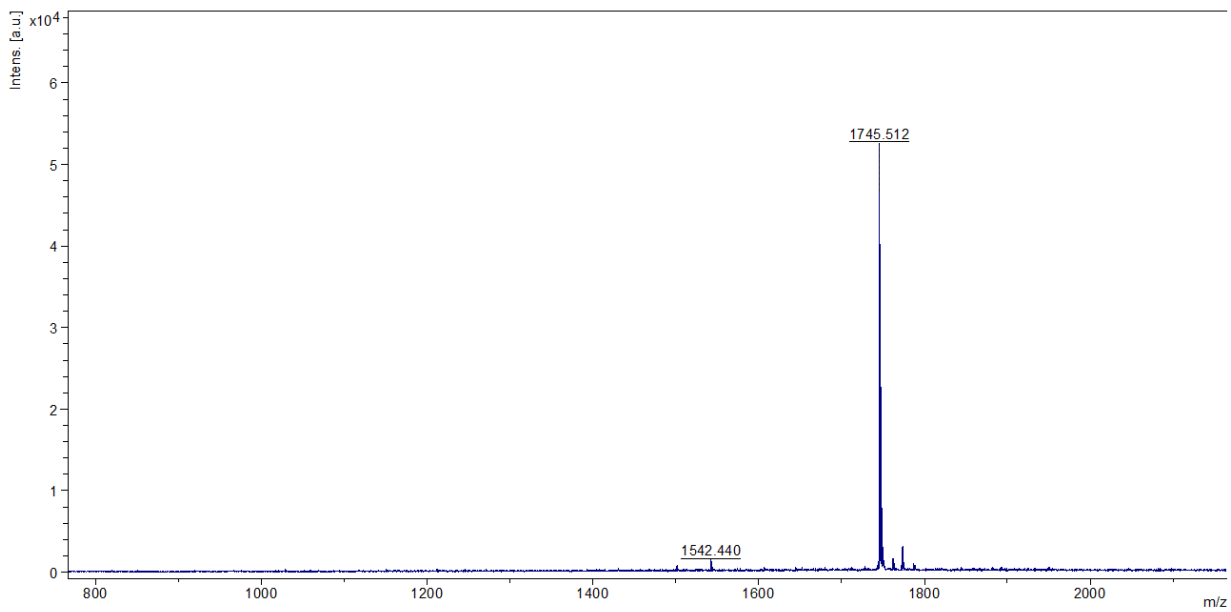


Figure 4: Positive ion mass spectrum of NGA4 glycan (CN- NGA4-10U, Batch B86S-02). Theoretical mass 1745.6 Da  $[M+\text{Na}]^+$