

Certificate of Analysis

A3 Glycan

Cat. #: CN-A3-20U (2*10U) / CN-A3-10U

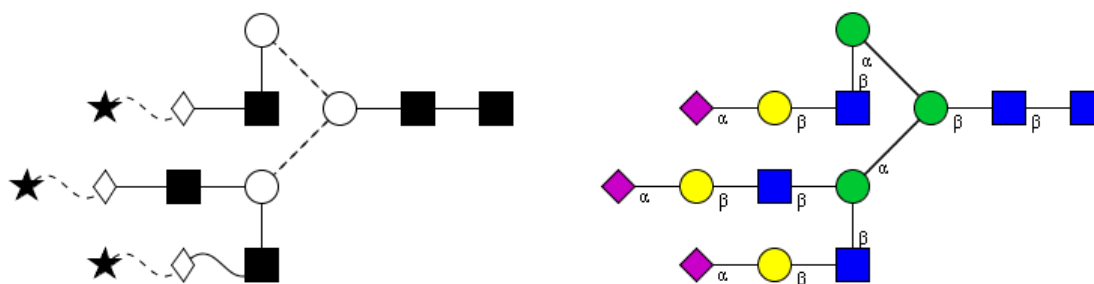
Batch: B37F-01

Size: 20 µg (2*10 µg) / 10 µg

Alternative names

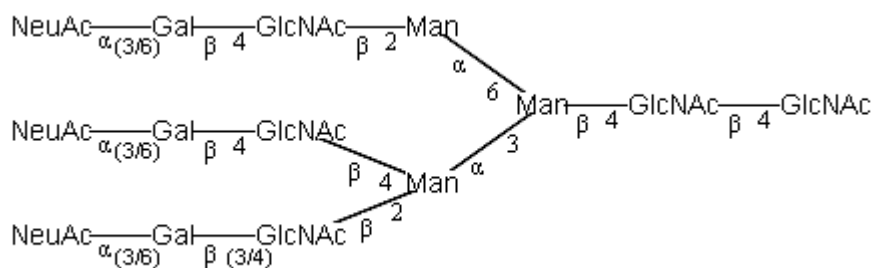
A3G3S3

Structure



Oxford Notation

CFG Notation



Text Notation

Purity: >90% pure as assessed by HPAE-PAD chromatography of A3 glycan (see Fig 1). HILIC chromatography of 2AB labeled glycan, MS and NMR included as supporting data.

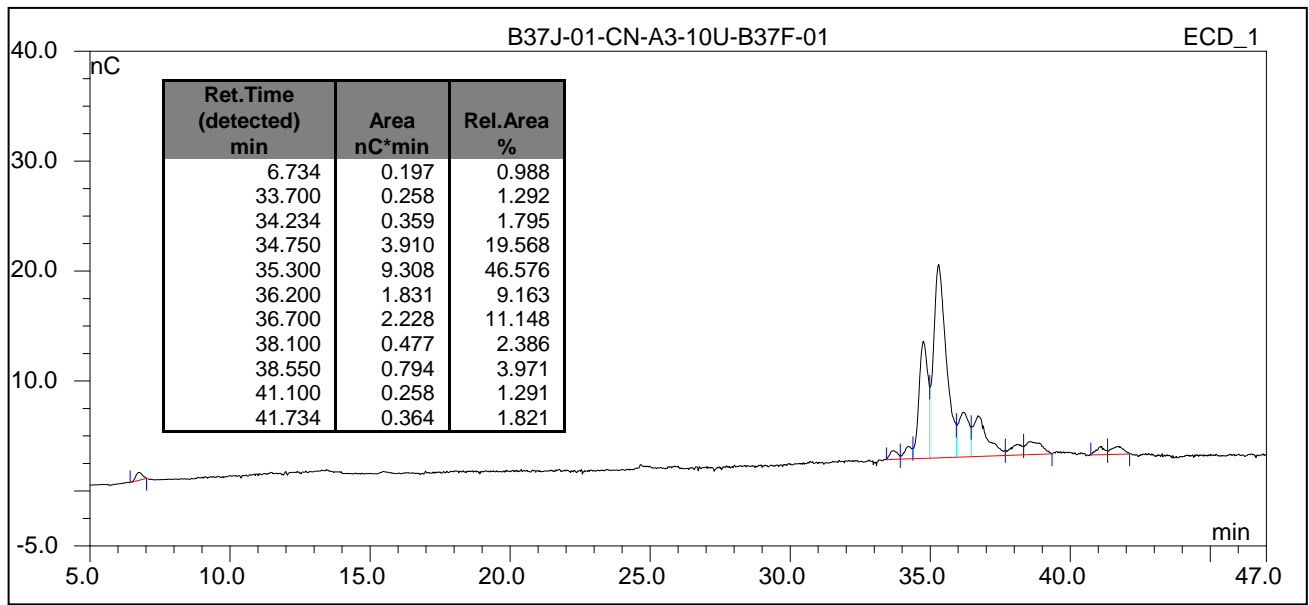


Figure 1: HPAE-PAD HPLC Profile of A3 (CN-A3-10U, Batch B37F-01).

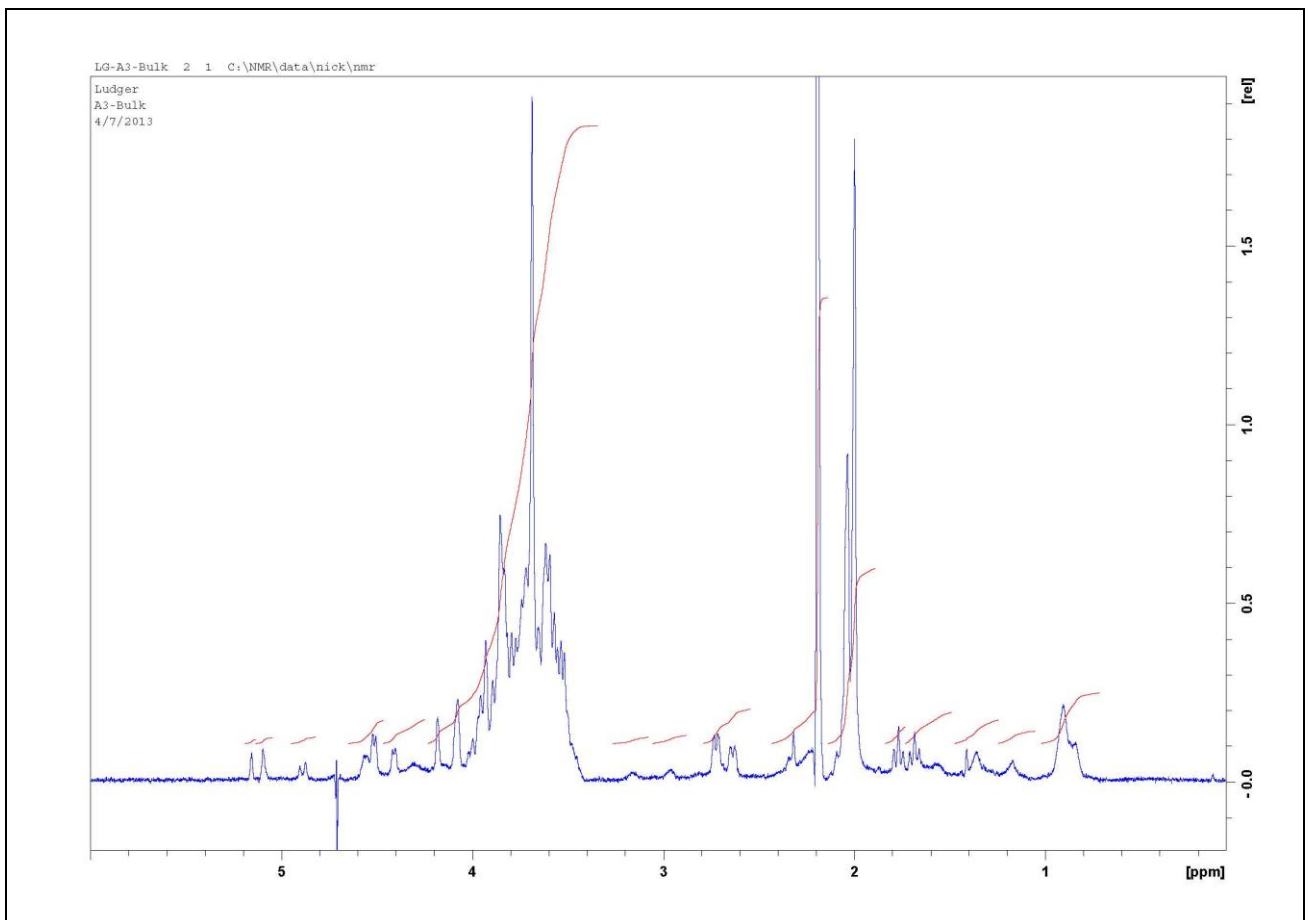


Figure 2: 500MHz ¹H-NMR of A3 glycan BULK (CN-A3-BULK, Batch B378-01).

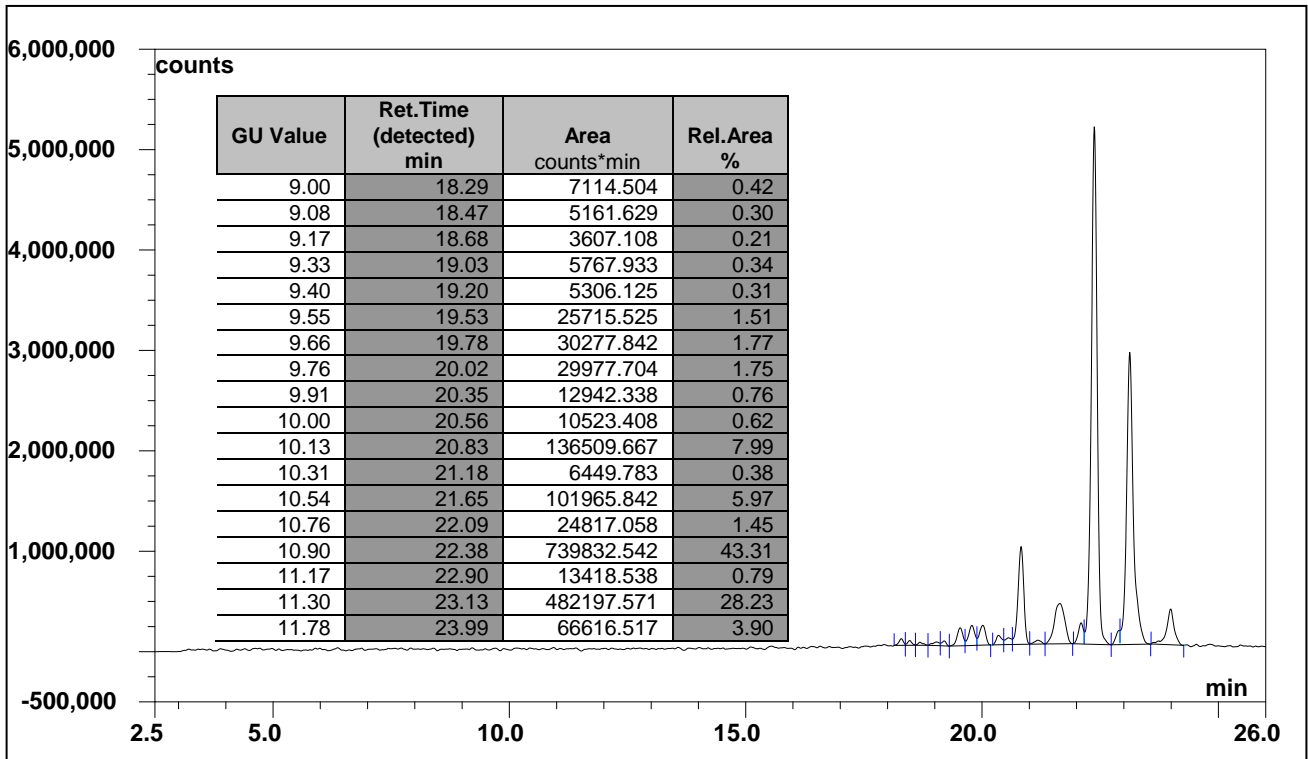


Figure 3: BEH Glycan column chromatogram of 2AB labelled A3 glycan (CN-A3-10U, Batch B37F-01). The A3 glycan is a mixture of isomers (see page 1) that results in the cluster of peaks seen in the HILIC trace

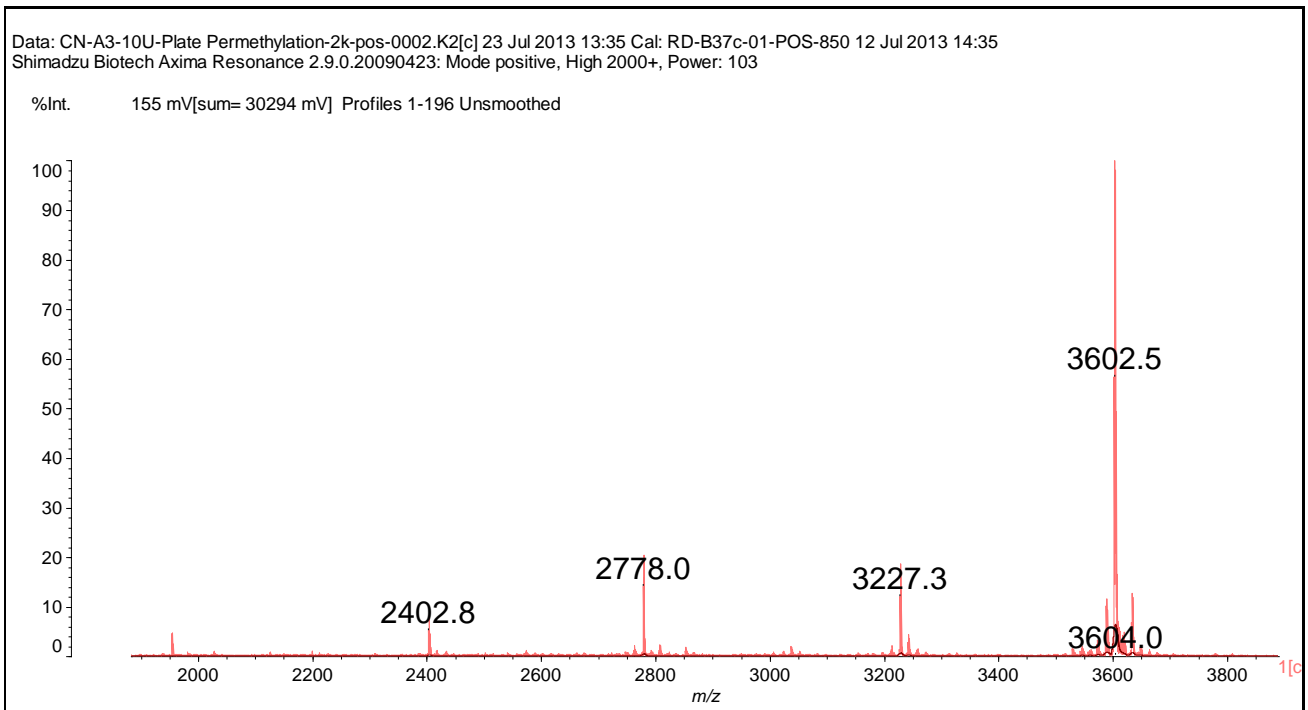


Figure 4: Positive ion mass spectrum of permethylated A3 glycan (CN-A3-10U, Batch B37F-01). Theoretical mass 3602.8 Da $[M+Na]^+$.