

## Certificate of Analysis

### LudgerPure™ CAPTS Labeled NGA2 Glycan

Cat. #: CAPTS-NGA2-01

Batch: B287-02

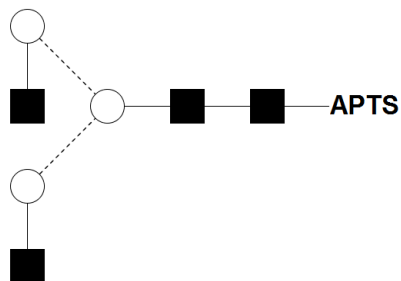
Size: approx. ~20 pmol

Expiry Date: 19 October 2028

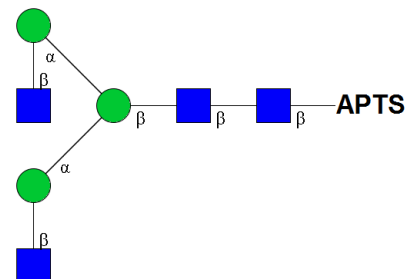
#### Alternative Names

A2, G0

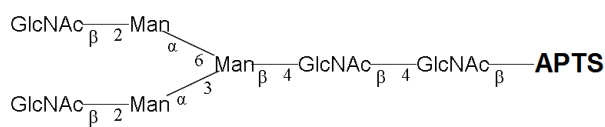
#### Glycan Structure



*Oxford Notation*



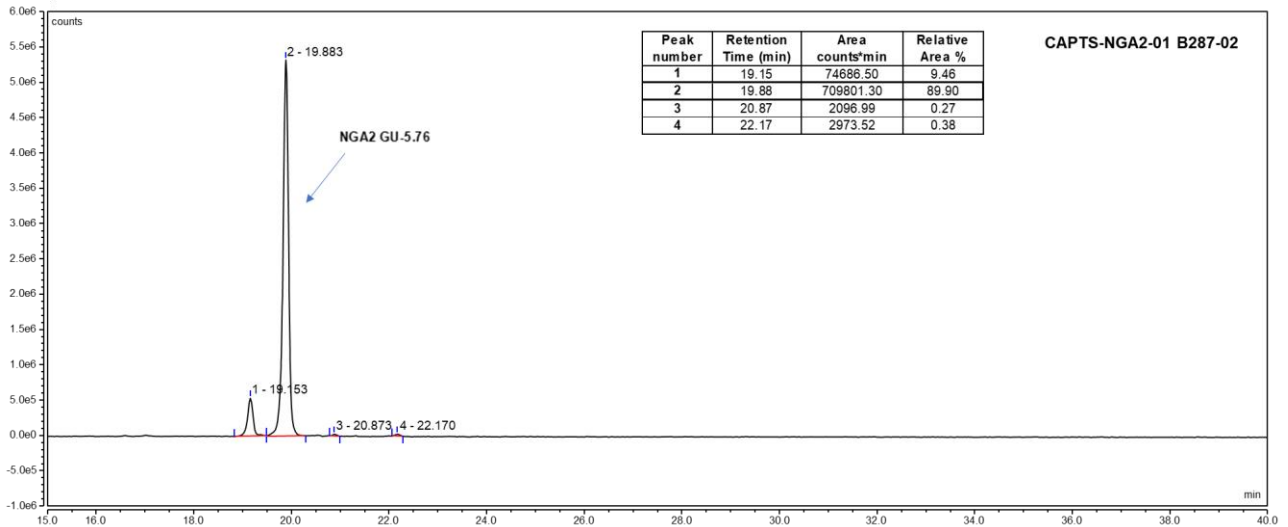
*CFG Notation*



*Text Notation*

**Purity:** 89.90% CAPTS labeled NGA2 glycan, as assessed by HPLC - see Fig 1.

Test performed 19 October 2023



**Figure 1:** HILIC HPLC profile of CAPTS labelled NGA2 glycan (see method conditions below) (Cat. #: CAPTS-NGA2-01, Batch B287-02).

\*NGA2 glycan structure identified by MALDI, MS & HPLC (GU value comparison to GlycoBase). This structure is drawn according to the scheme developed by Oxford-Dublin Glycobiology Laboratory (see Fig 2).

**CAPTS NGA2 peak seen above, eluted at 19.88 minutes, under the following conditions:**

**Column:** Waters BEH Glycan 1.7µm column (150mm)

**Flow:** 0.5mL/min.

**Temperature:** 60 °C

**Solvent A:** 50mM ammonium formate pH 4.4    **Solvent B:** 100 % acetonitrile

**Gradient:**

Time (min)	%B
0.0	78.0
38.5	55.9
40.5	0.0
42.5	0.0
44.5	78.0
55.0	78.0

**Detector:** Fluorescence

**Excitation wavelength:** 448 nm

**Emission wavelength:** 510 nm

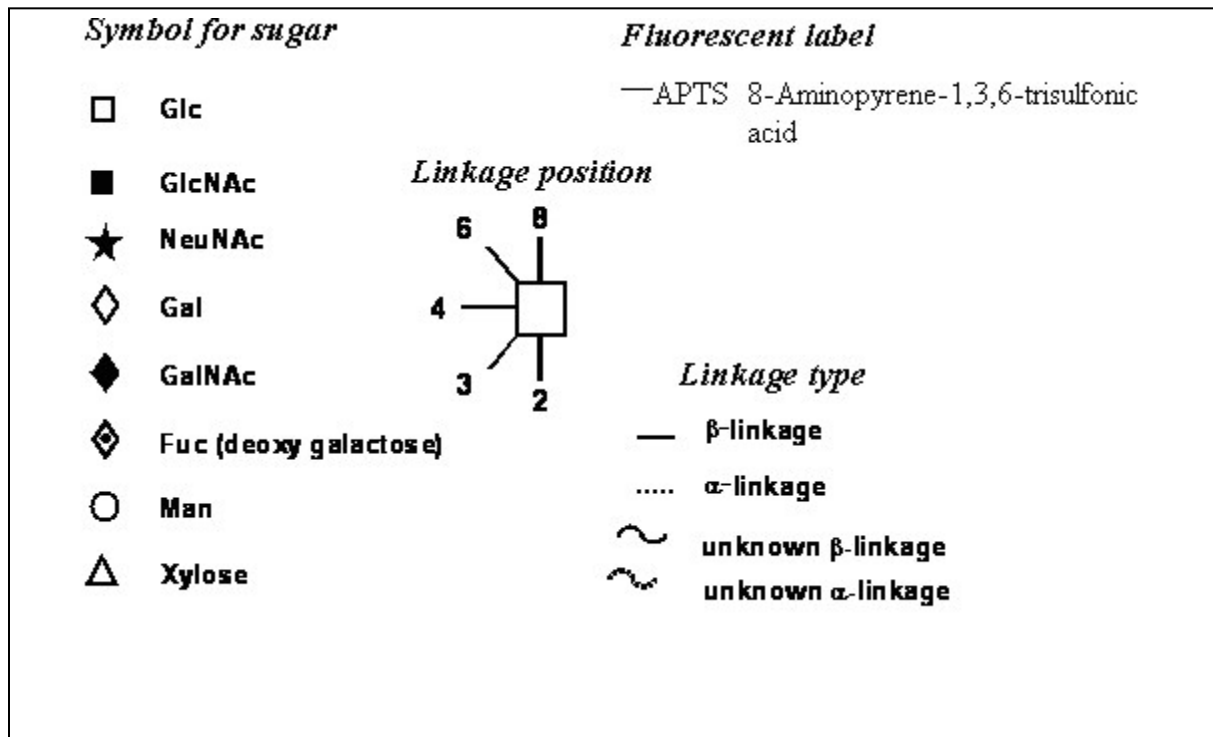


Figure 2: GlycoBase glycan structure key.