

Ludger

## Certificate of Analysis

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### Hybrid Glycan

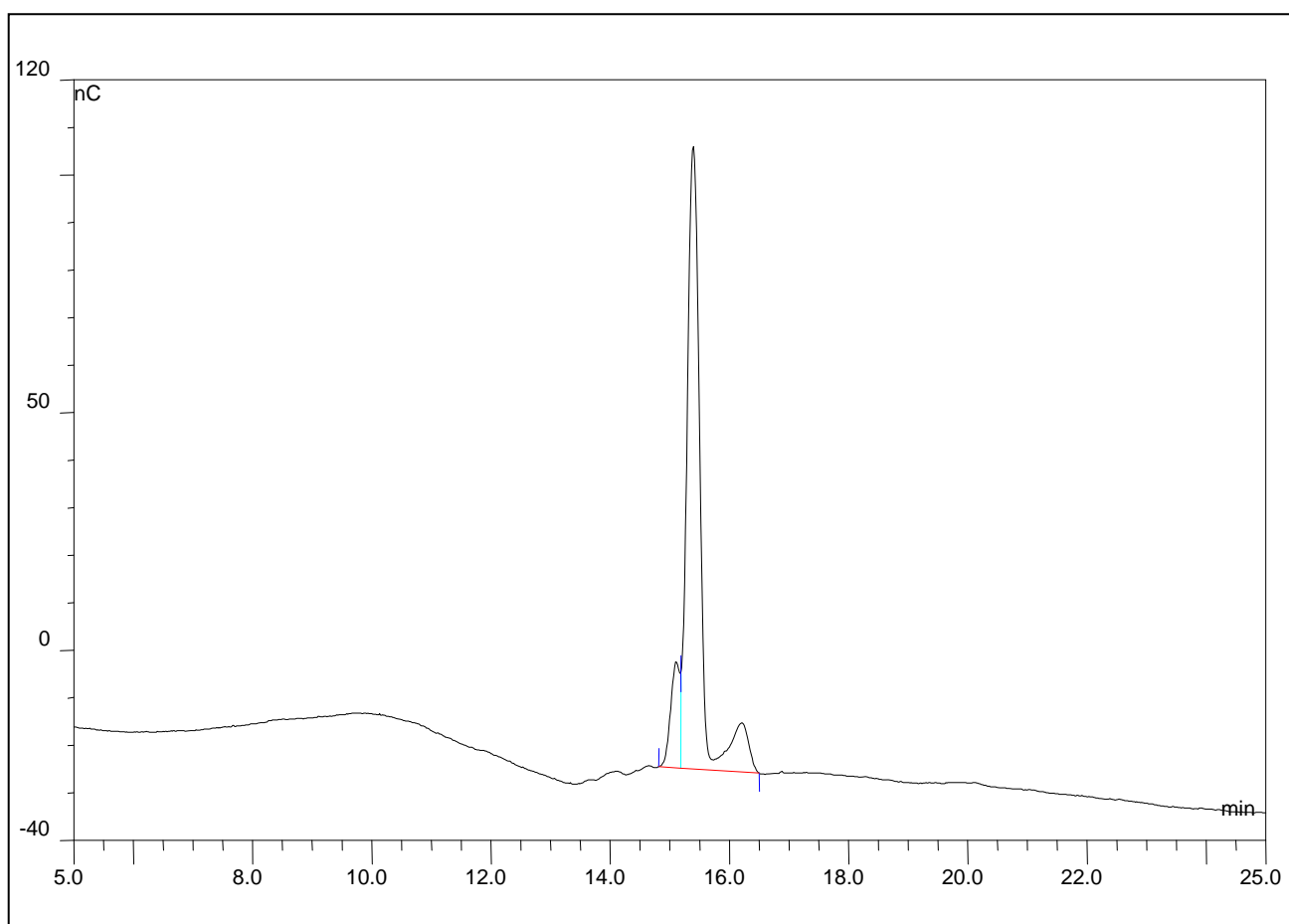
Cat. #: CN-HYBRID-20U (2\*10U)

Lot #: A95R-04

Size: 20 µg

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**Purity:** > 90% pure as assessed by a combination of  $^1\text{H-NMR}$  or Mass Spec (see Fig 2) and HPAE-PAD (see Fig 1).



**Figure 1 : HPAE-PAD HPLC Profile of HYBRID Glycan (Cat. No.CN-HYBRID-20U, Lot No. A95R-04).**

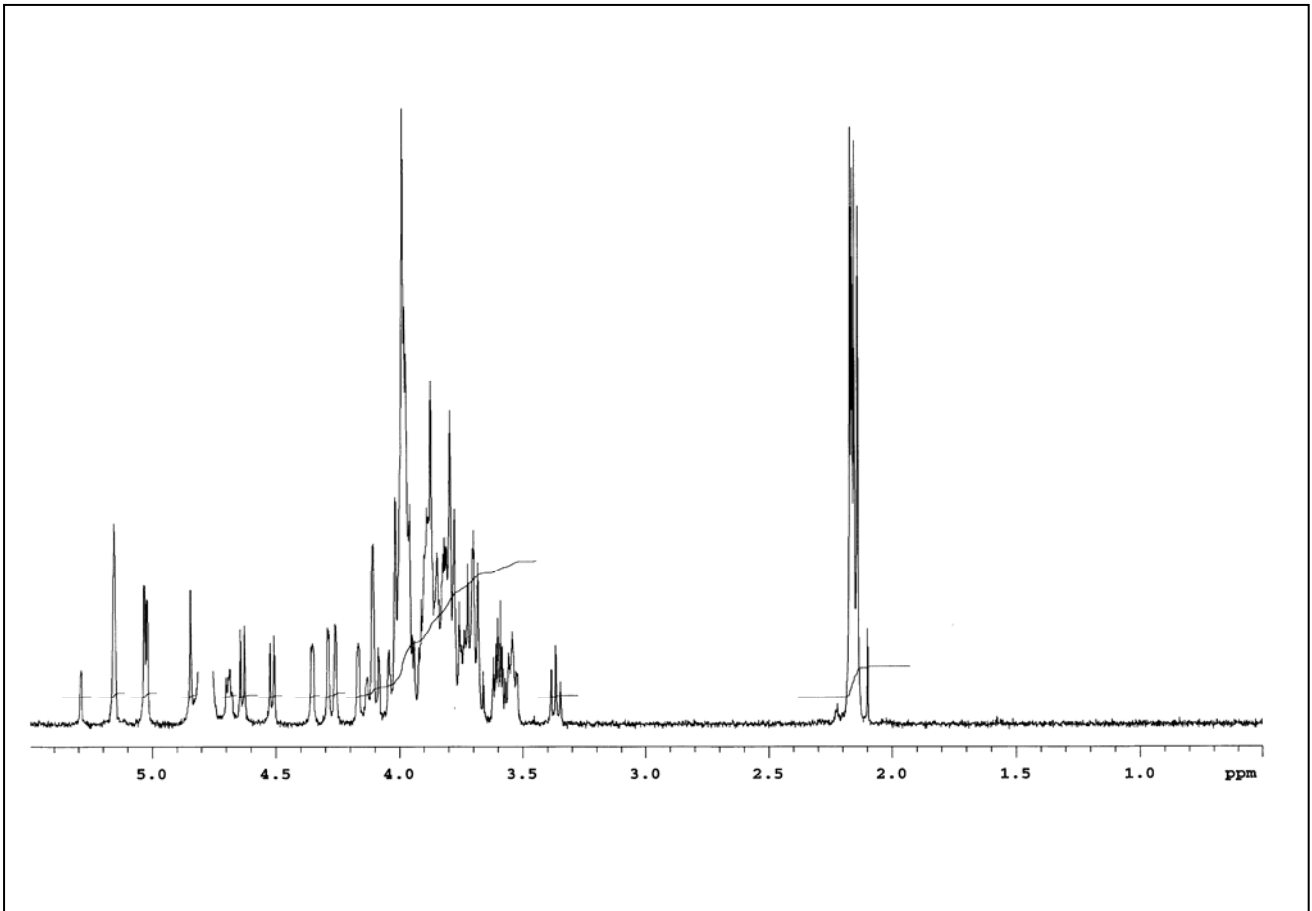


Figure 2: 500 MHz <sup>1</sup>H-NMR of HYBRID Glycan (Cat. No.CN-HYBRID-20U, Lot No A95R-04)