

Certificate of Analysis

Ludger-BioQuant 2AB Labelled Chitotriose Standard

Cat. #: BQ-CAB-CHI-01

Batch: B639-01

Size: 108.5 ± 0.6 pmol

Expiry: 28 May 2021

The 2AB labelled chitotriose standard is a fluorescently tagged linear tri-N-acetylglucosamine quantitative standard. The standard has been accurately dispensed from a bulk solution, the concentration of which has been determined by quantitative NMR.

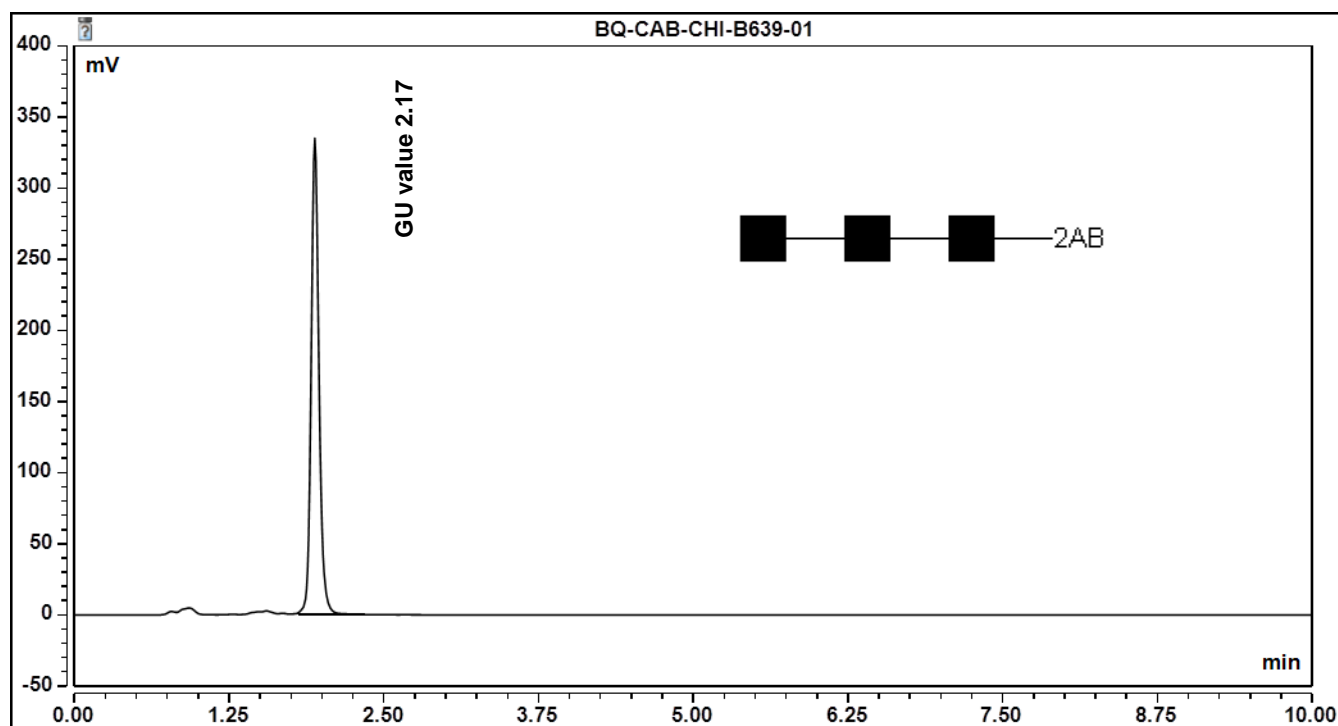


Figure 1: Waters BEH column HPLC profile of 2AB labelled chitotriose standard (Cat. #: BQ-CAB-CHI-01, Batch B639-01).

Accuracy: This analysis was performed on 12 vials of BQ-CAB-CHI-01.

The dispensed amount was determined as 108.5 ± 0.6 pmol chitotriose per vial.

Values are in pmols $\pm 95\%$ confidence interval.

2AB labeled chitotriose standards eluted under the following HPLC conditions:

Column: Waters BEH glycan 1.7 μ m column (150mm)

Flow: 0.56 ml/min.

Temperature: 35 °C

Solvent A: 50mM ammonium formate pH4.4

Solvent B: 100% acetonitrile

Gradient:

Time (min)	%B
0	72
27	62
30	0
31	0
32	72
35	72

HPLC: Waters Acquity

Detector: Acquity FLR

Excitation wavelength: 250 nm

Emission wavelength: 428 nm

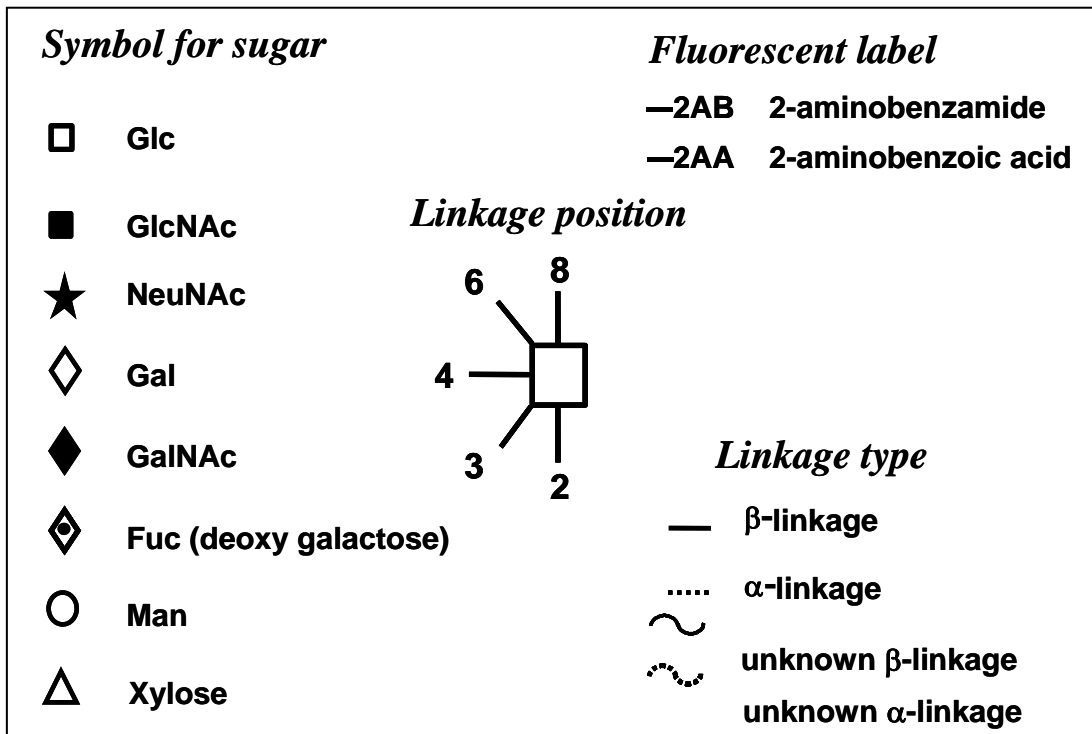


Figure 2: GlycoBase glycan structure key