

Certificate of Analysis

2-AB (2-aminobenzamide) Labeled Glucose Homopolymer Ladder

Cat. #: CAB-GHP-30

Batch: B62I-03

Expiry Date: 18 Feb 2021

Size: 30

Purity: > 95% pure as assessed by HPLC (see Fig 1).

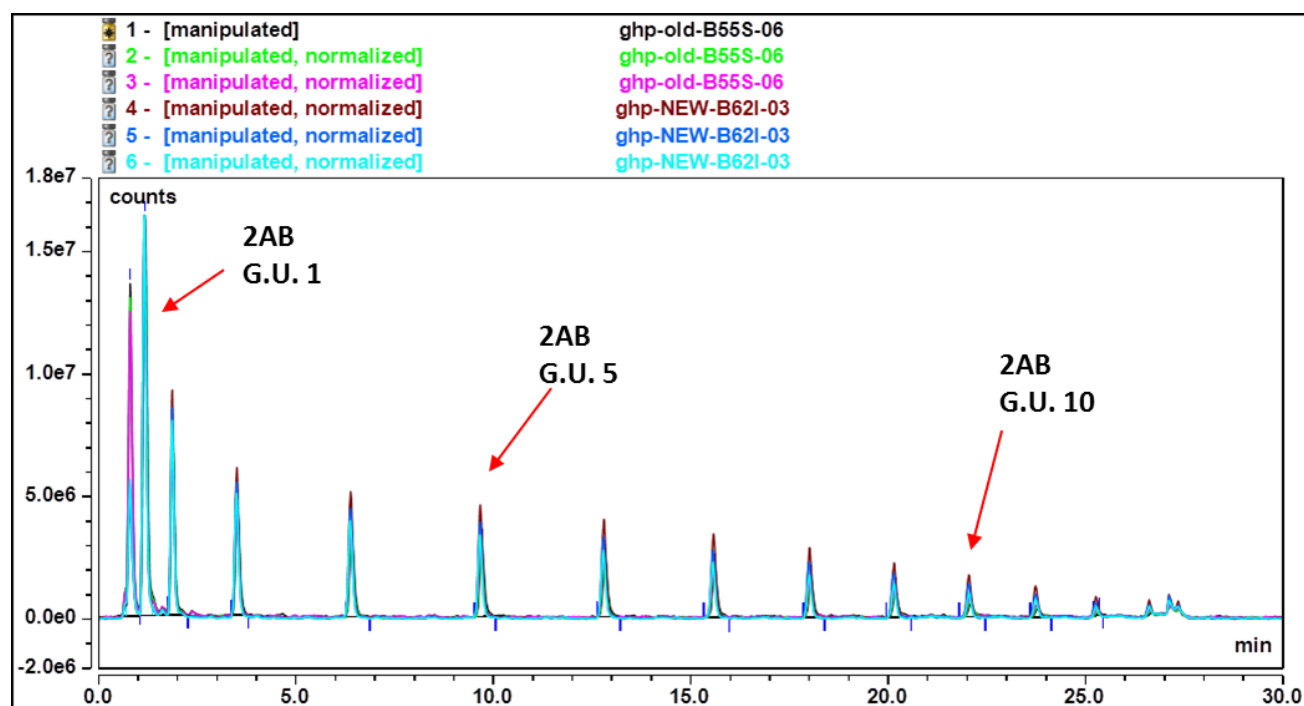


Figure 1 : HILIC HPLC profile of 2AB labeled Glucose Homopolymer ladder (Cat. #: CAB-GHP-30, Batch No. B62I-03 Vs Gold Standard Batch B55S-06).

HPLC Running Conditions:

Column: Waters BEH Glycan column (1.7 μ m-2.1x150)

Flow: 0.5 mL/min (unless indicated below)

Solvent A: 50 mM ammonium formate pH 4.4

Solvent B: 100 % acetonitrile

Temperature: 60 °C.

Gradient: 0 min – 78% B, 38.5 min – 55.9% B, 40.5 min – 0% B flow 0.25mL/min, 42.5 min – 0% B flow 0.25mL/min, 44.5 min – 78% B flow 0.25mL/min, 50.5 min – 78% B flow 0.25mL/min, 51.5 min 78% B, 55 min - 78% B

Detector: Dionex FLD-3000

Excitation wavelength: 330 nm

Emission wavelength: 420 nm

Sample: CAB-GHP-30 reconstituted in 300 μ L water; 22 μ L sample diluted with 78 μ L acetonitrile, injecting 25 μ L of this mix.