

Certificate of Analysis

2-AA (2-aminobenzoic acid) Labeled Glucose Homopolymer Ladder

Cat. #: CAA-GHP-30

Batch #: A538-06

Size: 30

Expiry: 14 Jun 2024

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

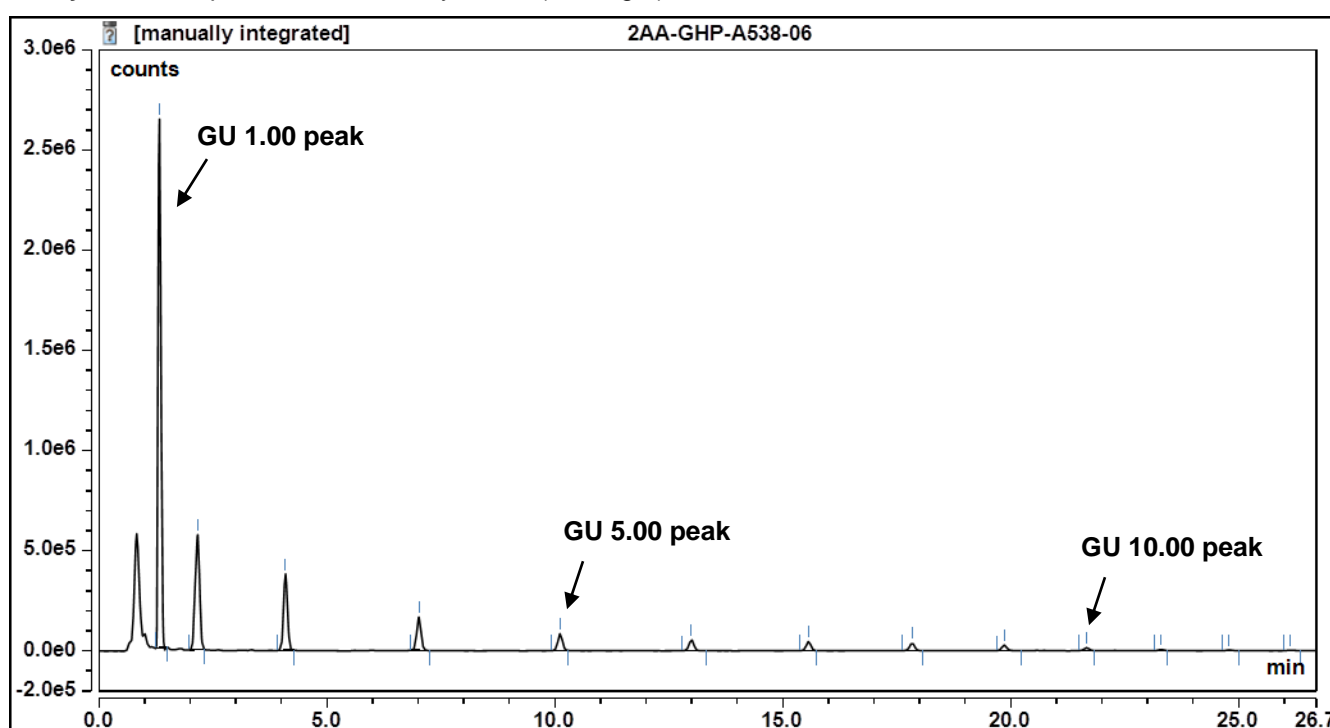


Figure 1: HILIC HPLC profile of 2AA labeled Glucose Homopolymer ladder

(Cat. #: CAA-GHP-30, Lot No. A538-06).

HPLC Running Conditions:

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

Flow: 0.56 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: 250 nm

Emission wavelength: 428 nm

Sample: CAA-GHP-30 reconstituted in 300 μ L water; 5 μ L sample diluted with 17 μ L water and 78 μ L acetonitrile, injecting 25 μ L of this mix.