

Certificate of Analysis

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

Cat. #: CAB-GHP-30

Batch #: B11K-09

Size: 30

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

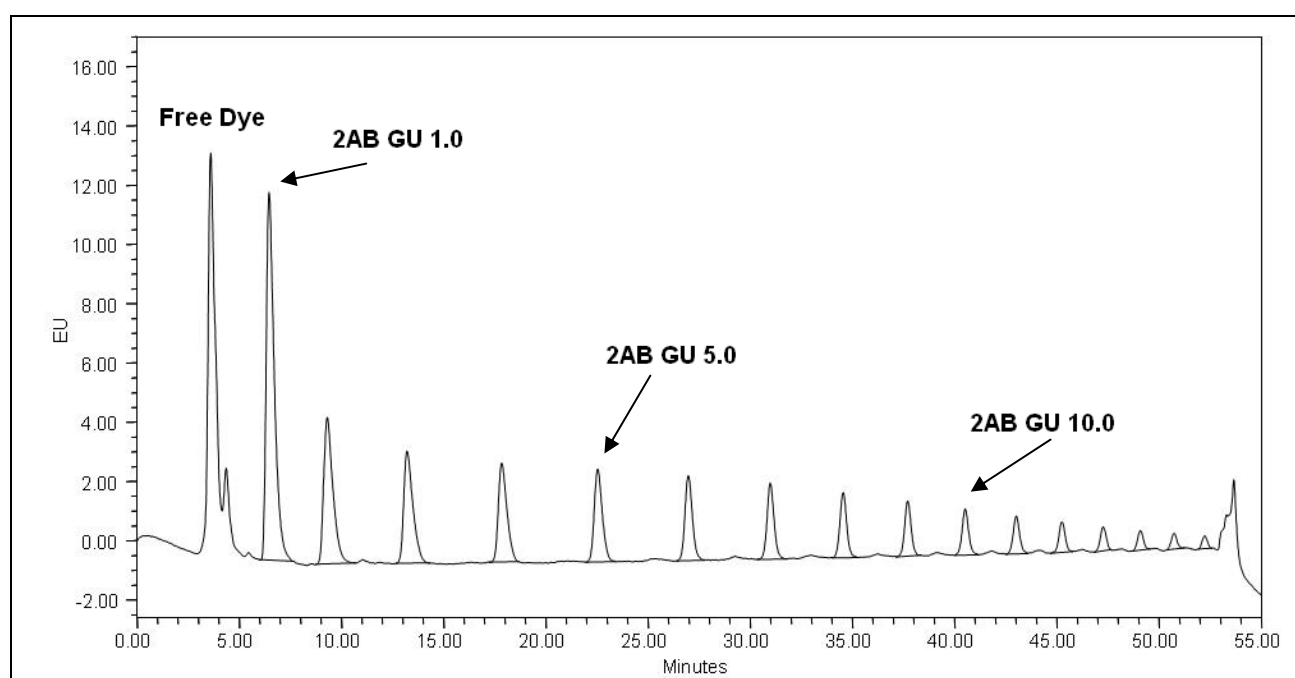


Figure 1 : LudgerSepN2 HPLC profile of 2AB labeled Glucose Homopolymer ladder
(Cat. #: CAB-GHP-30, Lot No. B11K-09).

HPLC Running Conditions:

Column: LudgerSep N2 Amide (Cat. #: 2x LS-N2-2.0x150)

Flow: 0.18 ml/min

Solvent A: 100 % acetonitrile

Solvent B: 50 mM ammonium formate pH 4.4

Temperature: 35 °C.

Gradient: 0 min – 70 % B, 46 min – 47 % B, 46.5 min – 0 % B, 51 min – 70% B, 60 min – 70 % B
65 min -70 % B

Detector: Waters 2475

Excitation wavelength: 330 nm

Emission wavelength: 420 nm

Sample: CAB-GHP-30 reconstituted in 300µL water; 10µL sample diluted with 90µL water and 10µL of this solution added to 20µL water and 70µL acetonitrile, injecting 25µL of this mix.