

Certificate of Analysis

Xylose Standard

Cat. #: CM-XYL-100

Batch: B84U-08

Size : 112 nmols

Expiry Date: 03 May 2023

The xylose reference standard is a quantitative standard comprised of NIST-F and USP traceable xylose (Xyl)

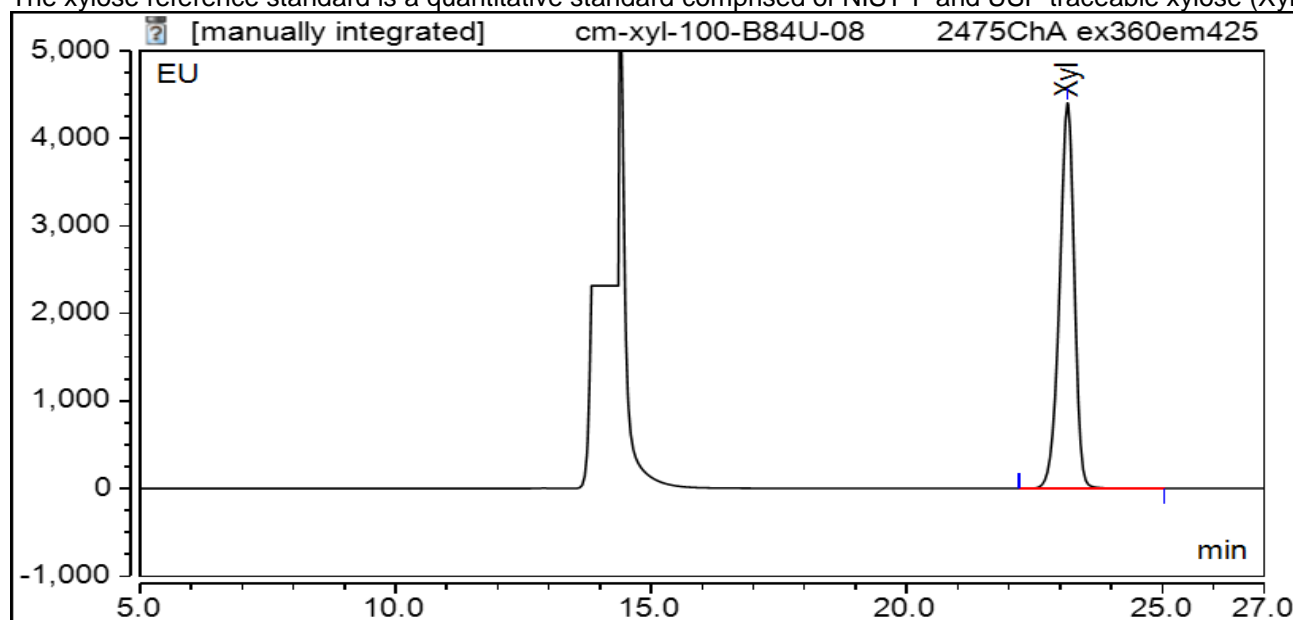


Figure 1: Ludger Sep-UR2 column profile of CM-XYL-100 -2AA labeled. The peak between 14-15 minutes is free dye. Sample run 18 June 2018.

Accuracy: The xylose monosaccharide amount is 112 ± 3.39 taken from analysis of 12 sample vials from this batch. Values are in Nmols standard deviation.

2-AA labeled monosaccharide standards eluted under the following HPLC conditions:**Column:** LudgerSep R2(Cat. #: LS-R2-4.6x150)**Temperature:** 35 °C**Solvent A:** butylamine:phosphoric acid:tetrahydrofuran (BPT)**Solvent B:** acetonitrile**Gradient:**

Time (min)	% B	Flow rate (ml/min)
0	3.5	0.8
7	3.5	0.8
22.0	7.5	0.8
23.0	50.0	0.8
23.5	50.0	1.2
29.0	3.5	1.2
30.0	3.5	0.8
35.5	3.5	0.8

Detector: Fluorescence**Excitation wavelength:** 360 nm**Emission wavelength:** 425 nm