



## Certificate of Analysis

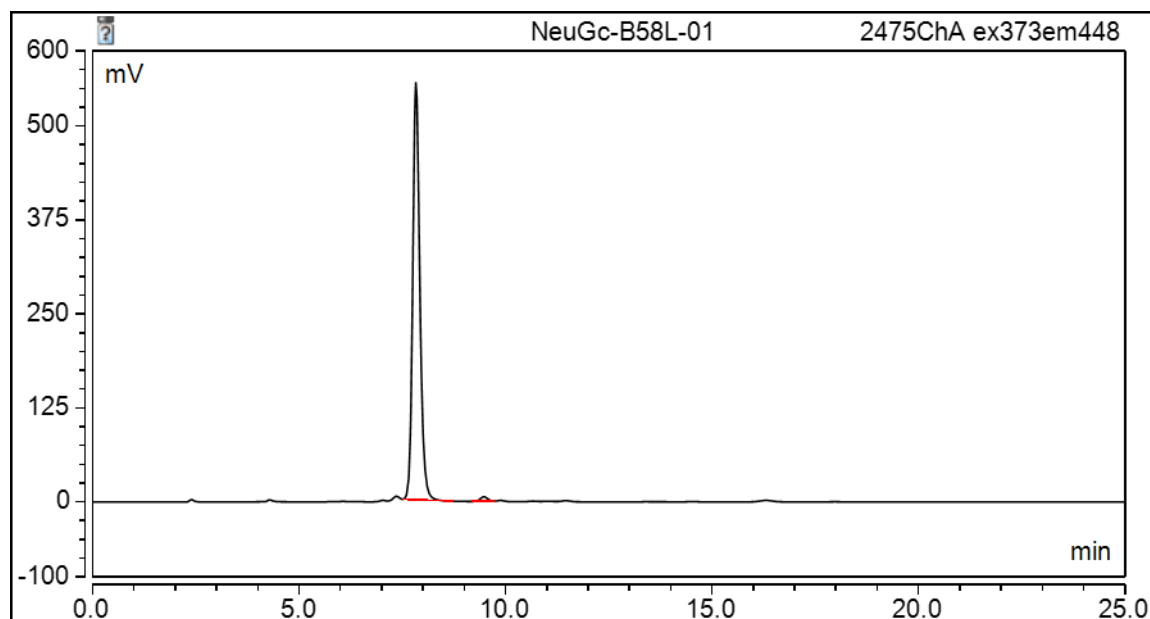
### NeuGc Standard

Cat. #: CM-NEUGC-01

Batch: B58L-01

Size:  $1.10 \pm 0.05$  nmol

The N-glycolylneuraminic acid standard is a quantitative standard of NIST-F and USP traceable Neu5Gc monosaccharide.



**Figure 1:** LudgerSep-R1 HPLC profile of 1,2-diamino-4,5-methylenedioxybenzene.2HCl (DMB) labeled NeuGc standard (Cat. #: CM-NEUGC-01, Batch B58L-01 ).

**Accuracy:** This analysis was performed on 12 vials of CM-NEUGC-01.

**The dispensed amount was determined as  $1.10 \pm 0.05$  Nmole NeuGc per vial.**

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



***DMB labeled sialic acid standards eluted under the following HPLC conditions:***

Column: LudgerSep R1 (Cat. #: LS-R1-4.6x150) B43I-04

Flow: 0.5 ml/min.

Temperature: 30 °C

Solvent A: methanol:acetonitrile:water (7:9:84)

Gradient: 0-10 min: 100% Solvent A

HPLC: Waters 2      Detector: Waters 2 FD

Excitation wavelength: 373 nm      Emission wavelength: 448 nm