

Certificate of Analysis

Sialic Acid Reference Panel

Cat. #: CM-SRP-01

Batch: B84A-01

Size: approx. 1.25 nmols

Expiry Date: 11 Apr 2023

The sialic acid reference panel is a mixture of different sialic acids forms (as detailed on chromatogram below) sourced from bovine submaxillary mucin.

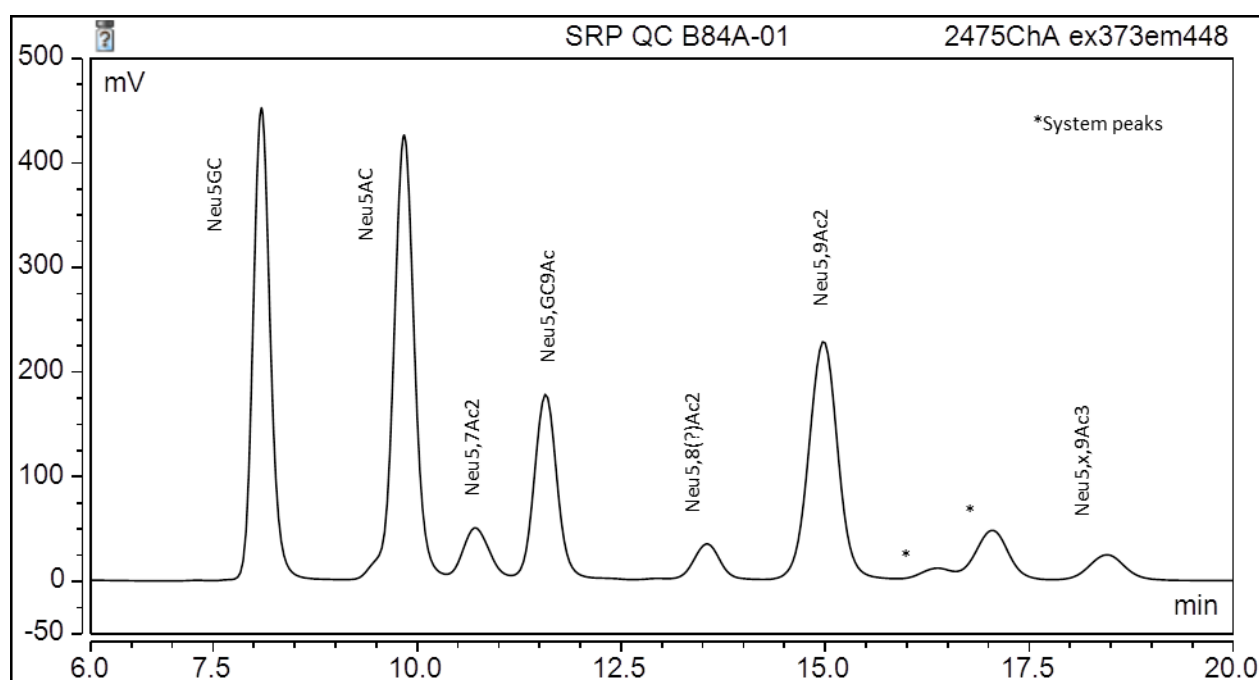


Figure 1: LudgerSep UR2 HPLC profile of DMB labeled Sialic acid Reference Panel (Cat. #: CM-SRP-01, Batch B84A-01).

DMB labeled SRP peaks seen above eluted under the following HPLC conditions:

Column: LudgerSep UR2 (1.9 μ m, 2.1x100mm)

Flow: 0.35 ml/min.

Temperature: 30 °C

Solvent: Methanol:Acetonitrile:Water (7:9:84 v/v)

Fluorescence detector: Dionex U3000

Excitation wavelength: 373 nm

Emission wavelength: 448 nm