

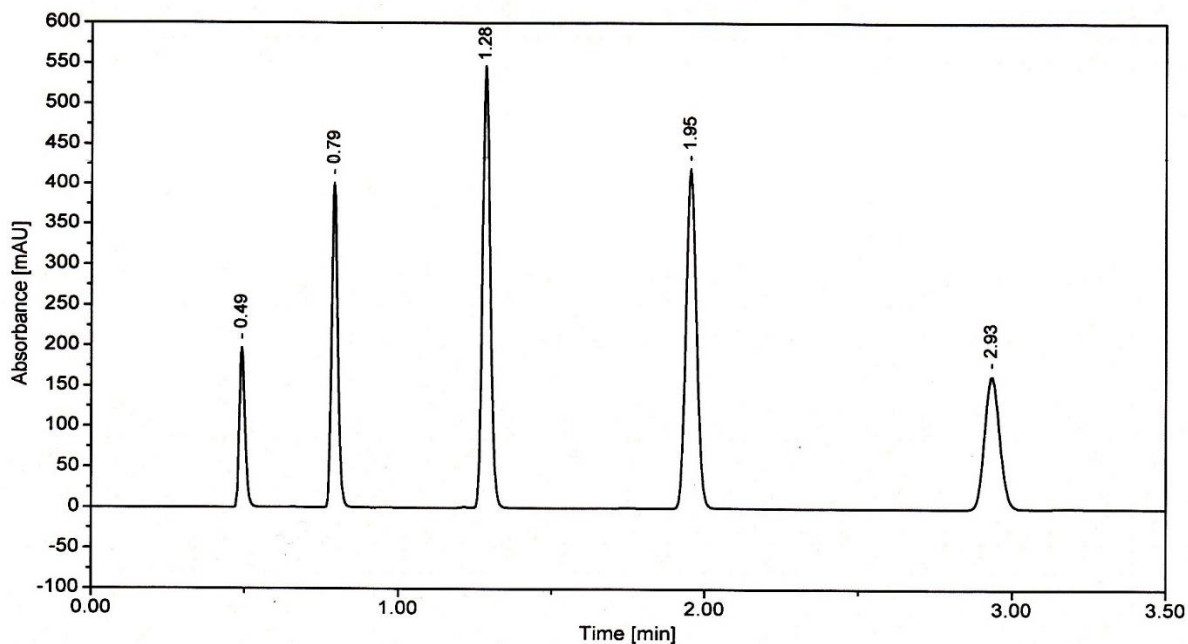
Certificate of Analysis**LudgerSep™ UR2 UHPLC Column for Glycan Analysis**

Cat. #: LS-UR2-2.1x100

Batch: B8AU-02

Size: 2.1 x 100 mm

This column conforms to the specifications given in Ludger document # LS-UR2-GUIDE.

Packed Solvent 50 % acetonitrile (aq)**Test Analysis****Flow Rate** 500ul / min**Eluent** Isocratic 50 % acetonitrile (aq)**Pressure** 7283 psi**Sample Volume** 1 µl**Detection** UV at 254nm

| Peak No | Peak Name | Retention time (minutes) | Tailing Factor (5%) |
|----------------|------------------|---|--------------------------------|
| 1 | Theophylline | 0.49 | 1.34 |
| 2 | p-Nitroaniline | 0.79 | 1.25 |
| 3 | Methyl Benzoate | 1.28 | 1.20 |
| 4 | Phenetole | 1.95 | 1.14 |
| 5 | o-Xylene | 2.93 | 1.13 |

Efficiency o-Xylene (n/m) = 169930

Tailing Factor (5%) o-Xylene = 1.13