

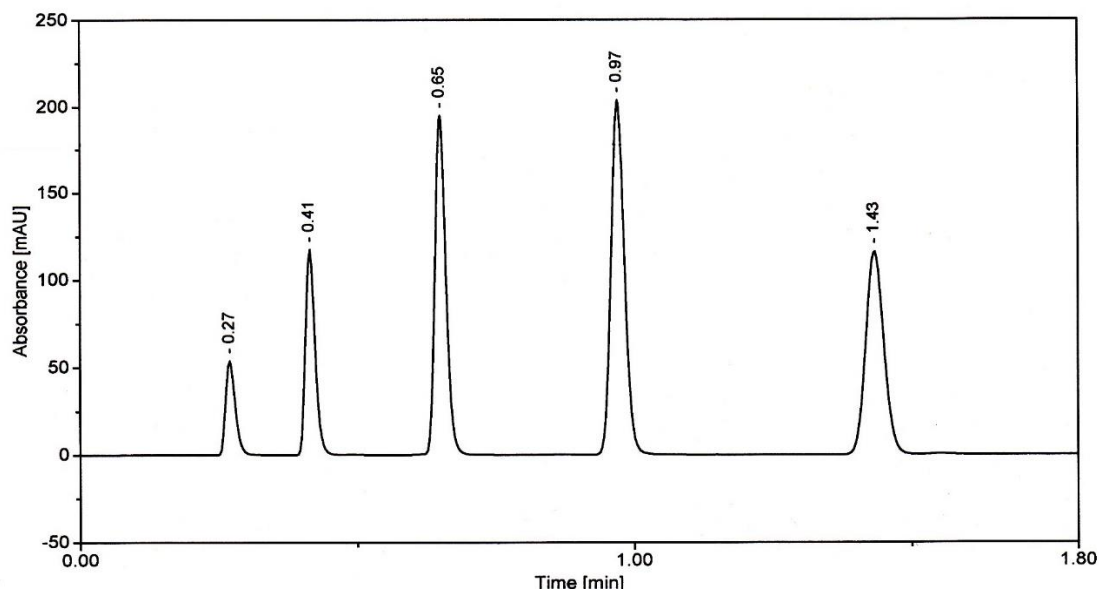
Certificate of Analysis**LudgerSep™ UR2 UHPLC Column for Glycan Analysis**

Cat. #: LS-UR2-2.1x50

Batch: B95U-03

Size: 2.1 x 50 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** 3811 psi**Temperature** Ambient**Sample Volume** 1 µl**Detection** UV at 254nm

Peak No	Peak Name	Retention time (minutes)	Tailing Factor (5%)
1	Theophylline	0.27	1.33
2	p-Nitroaniline	0.41	1.28
3	Methyl Benzoate	0.65	1.19
4	Phenetole	0.97	1.11
5	o-Xylene	1.43	1.09

Efficiency o-Xylene (n/m) = 182480

Tailing Factor (5%) o-Xylene = 1.09