

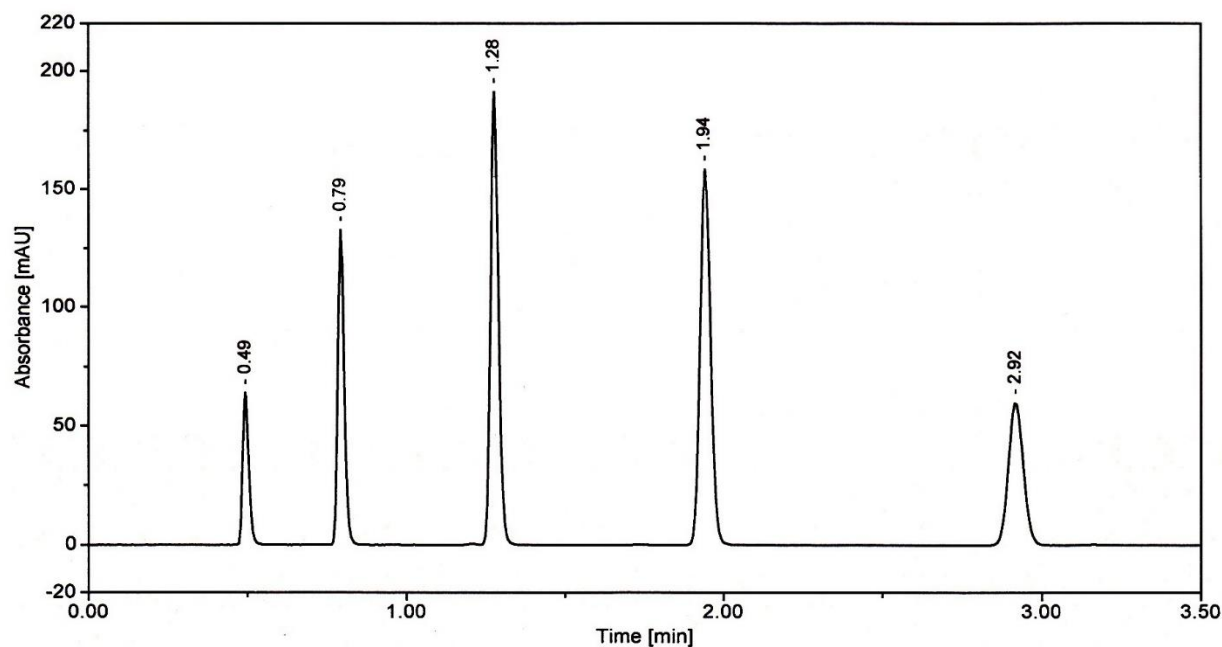
Certificate of Analysis**LudgerSep™ UR2 UHPLC Column for Glycan Analysis**

Cat. #: LS-UR2-2.1x100

Batch: B89A-04

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** 7163 psi**Sample Volume** 1 µl**Detection** UV at 254nm

Peak No	Peak Name	Retention time (minutes)	Tailing Factor (5%)
1	Theophylline	0.49	1.31
2	p-Nitroaniline	0.79	1.22
3	Methyl Benzoate	1.28	1.14
4	Phenetole	1.94	1.09
5	o-Xylene	2.92	1.06

Efficiency o-Xylene (n/m) = 182730

Tailing Factor (5%) o-Xylene = 1.06