



## Certificate of Analysis

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### LudgerSep R1 HPLC Column for Glycan Analysis

Cat. # : LS-R1-4.6x150

Batch # : B13H-04

Size : 4.6 x 150 mm

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This column conforms to the specifications given in Ludger document # LS-R1-GUIDE.

**Packed Solvent**      60 % acetonitrile (aq)

#### Test Analysis

**Flow Rate**            1.25 ml / min

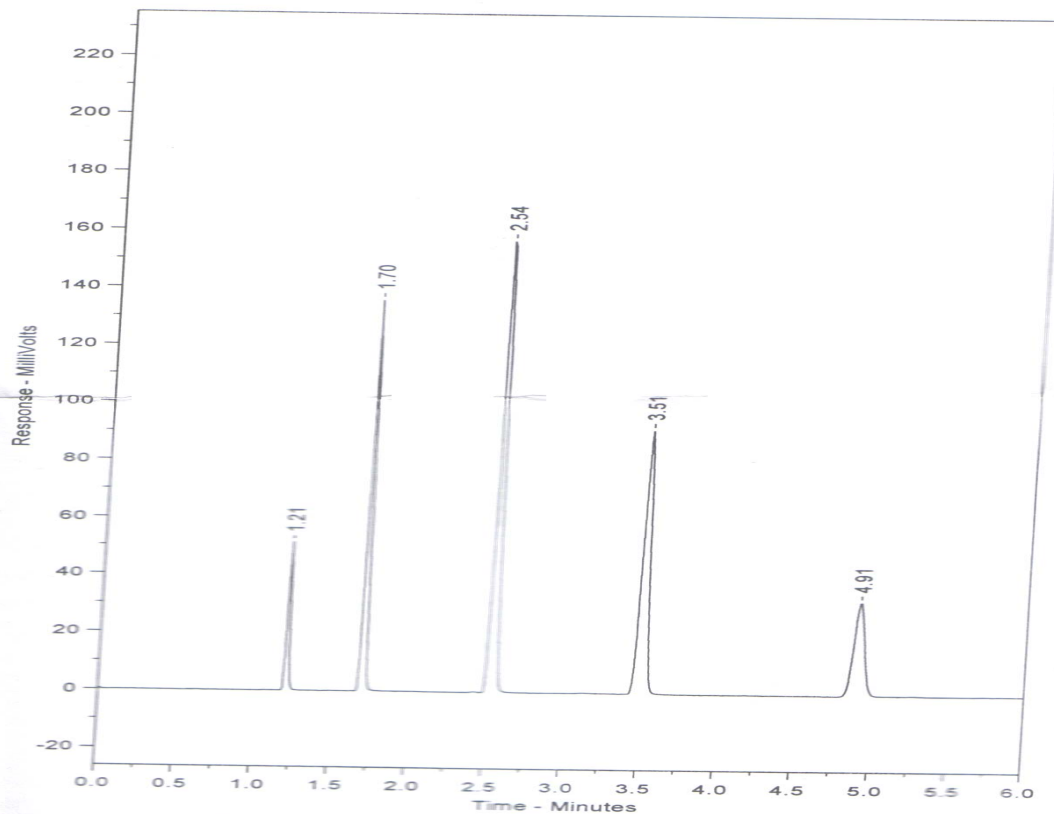
**Eluent**                Isocratic 60 % acetonitrile (aq)

**Pressure**             2220 psi

**Temperature**        Ambient

**Sample Volume**     5  $\mu$ l

**Detection**            UV at 254nm



Peak No	Peak Name	Retention time (minutes)	Capacity Factor
1	Theophyline	1.21	0.00
2	p-Nitroaniline	1.70	0.40
3	Methyl Benzoate	2.54	1.09
4	Phenetole	3.51	1.89
5	o-Xylene	4.91	3.05

Efficiency o-Xylene (n/m) = 160627

Asymmetry Factor (10%) o-Xylene = 1.226