Certificate of Analysis

LudgerSep™ R1 HPLC Column for Glycan Analysis

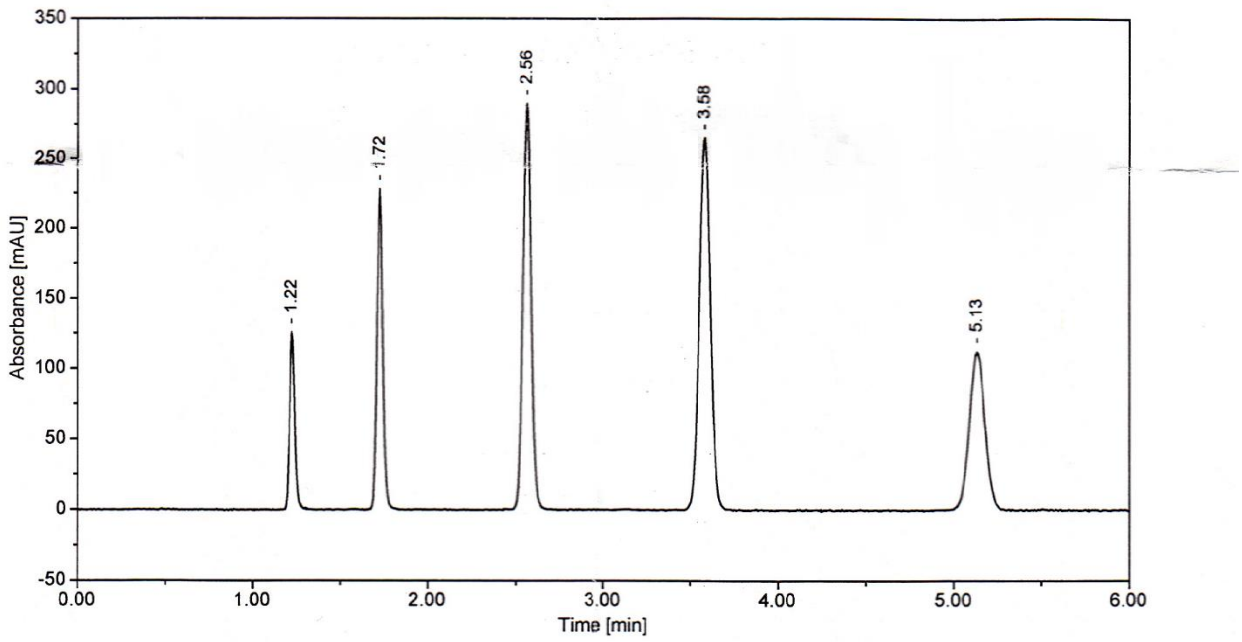
Cat. #: LS-R1-4.6x150 Batch: B94O-04 Size: 4.6 x 150 mm

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	1008 psi
Temperature	Ambient
Sample Volume	2.5 µl
Detection	UV at 254nm



Peak No	Peak Name	Retention time (minutes)	Capacity Factor
1	Theophyline	1.22	0.00
2	p-Nitroaniline	1.72	0.41
3	Methyl Benzoate	2.56	1.09
4	Phenetole	3.58	1.93
5	o-Xylene	5.13	3.19

Efficiency o-Xylene (n/m) = 105780