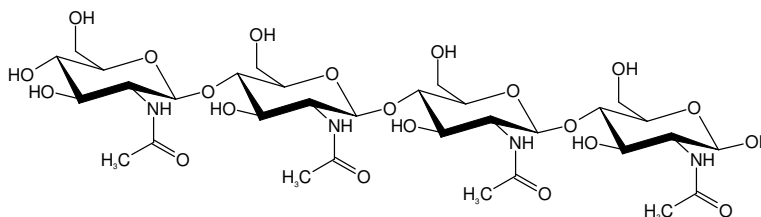




tetra-N-Acetyl-Chitotetraose (Lot 61004)

08/2009

MW: 830.4
CAS No. 2706-65-2



PREPARATION:

Prepared by controlled acid hydrolysis of chitin.

PURITY: ~95 %

HPLC:

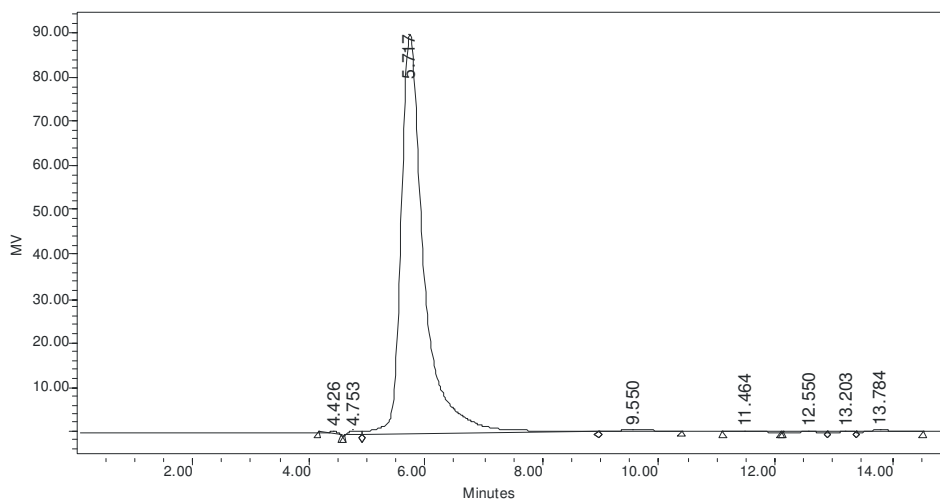
Column :- Waters SugarPak I (6 x 300 mm)

Temperature :- 90°C

Mobile phase :- dH₂O with disodium calcium EDTA (50 mg/mL) [Sigma Cat No. ED2SC]

Flow rate :- 0.5 mL/min

HPLC System :- Waters Breeze system, Waters 2410 RI detector and Breeze software v 3.20.



	RT (min)	Area (μV*sec)	% Area	Height (μV)	% Height
1	4.426	8421	0.32	628	0.67
2	4.753	16645	0.64	1159	1.24
3	5.717	2525163	97.10	90374	96.48
4	9.550	23263	0.89	466	0.50
5	11.464	5692	0.22	154	0.16
6	12.550	4084	0.16	128	0.14
7	13.203	1869	0.07	93	0.10
8	13.784	15475	0.60	669	0.71