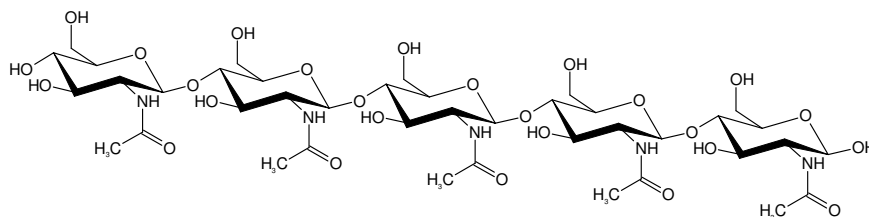




## penta-*N*-Acetyl-Chitopentaose (Lot 61005)

08/2009

**MW:** 1034.0  
**CAS No.** 36467-68-2



**PREPARATION:**  
 Prepared by controlled acid hydrolysis of chitin.

**PURITY:** ~95 %

**HPLC:**

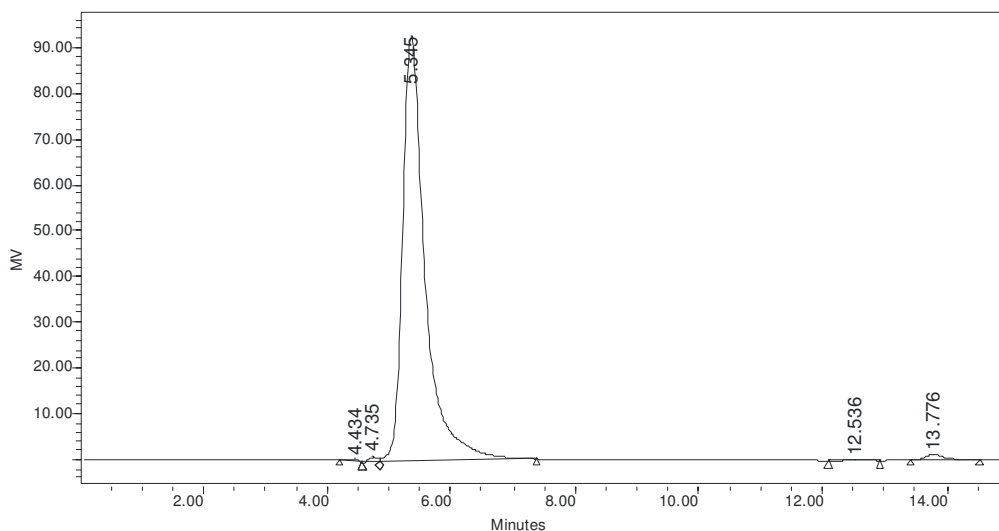
Column :- Waters SugarPak I (6 x 300 mm)

Temperature :- 90°C

Mobile phase :- dH<sub>2</sub>O 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	4.434	5858	0.24	527	0.55
2	4.735	14905	0.62	1257	1.31
3	5.345	2352753	97.87	93010	96.78
4	12.536	3340	0.14	108	0.11
5	13.776	27032	1.12	1200	1.25