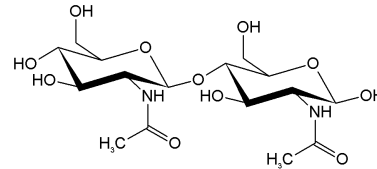




di-N-Acetyl-Chitobiose (Lot 61002)

08/2009

MW: 424.4
CAS No. 35061-50-8



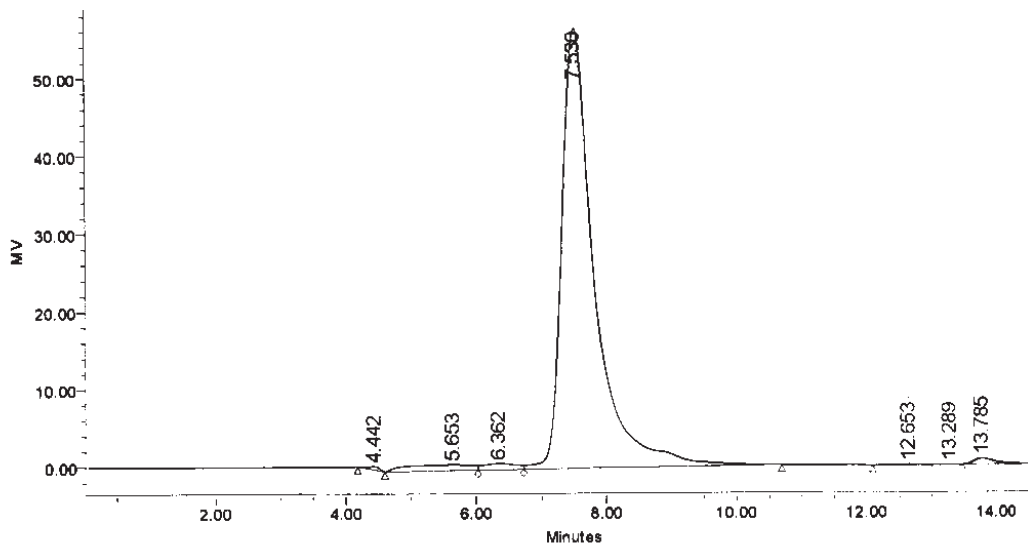
PREPARATION:

Prepared by controlled acid hydrolysis of chitin.

PURITY: ~ 95 %

HPLC:

HPLC was performed on a Waters Sugar-Pak® Column (6 x 300 mm); temperature 90°C; mobile phase, distilled water containing 50 mg/L of disodium calcium EDTA (Sigma Cat No. ED2SC); flow rate 0.5 mL/min. A Breeze HPLC System was used incorporating Waters 2410 RI detector and Breeze Version 3.20 software.



	RT (min)	Area (μV*sec)	% Area	Height (μV)	% Height
1	4.442	5640	0.27	429	0.72
2	5.653	54721	2.62	774	1.30
3	6.362	28491	1.37	820	1.38
4	7.530	1975419	94.69	56573	95.09
5	12.653	2943	0.14	87	0.15
6	13.289	676	0.03	31	0.05
7	13.785	18228	0.87	781	1.31