



## TETRAACETYL-CHITOTETRAOSE (Lot 180904)

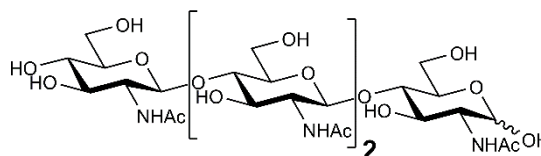
O-CHI4

01/19

**Synonym:** tetra-*N*-Acetylchitotetraose, chitintetraose

**MW:** 830.4

**CAS:** 2706-65-2



### PREPARATION:

Prepared by controlled acid hydrolysis of chitin.

**PURITY:** > 95%

### HPLC:

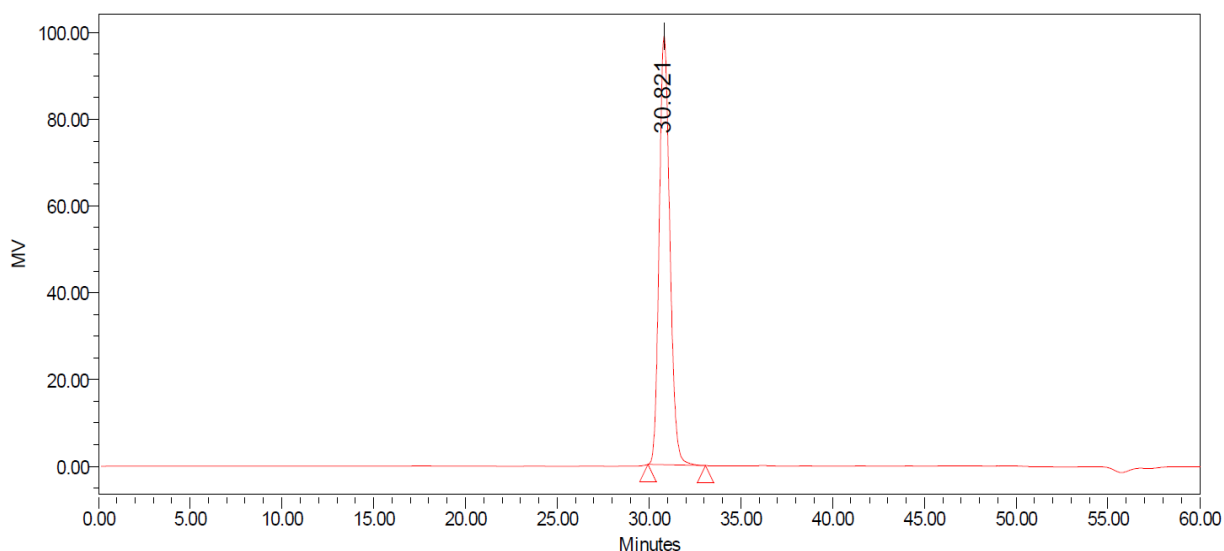
Column: 2 x Tosoh TSK-GEL G2500 PWXL (7.8 x 300 mm) plus guard column (7.8 x 35 mm)

Temperature: 80°C

Mobile phase: dH<sub>2</sub>O

Flow rate: 0.5 mL/min

HPLC System: Waters Alliance e2695 Separations Module, Waters 2414 RI detector and Empower v 3 software



### Processed Channel: 410

	Processed Channel	Retention Time (min)	Area	% Area	Height
1	410	30.821	3965643	100.00	98774

**TLC:**

*n*-Propanol:Ammonia = 2:1 (run once) on Merck TLC Silicagel 60F<sub>254</sub>

