

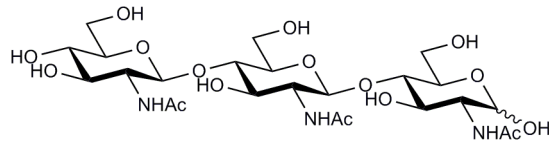


## TRIACETYL-CHITOTRIOSE (Lot I70303)

**O-CHI3**

**06/18**

**Synonym:** tri-*N*-acetylchitotriose, chitinriose  
**MW:** 627.6  
**CAS** 38864-21-0



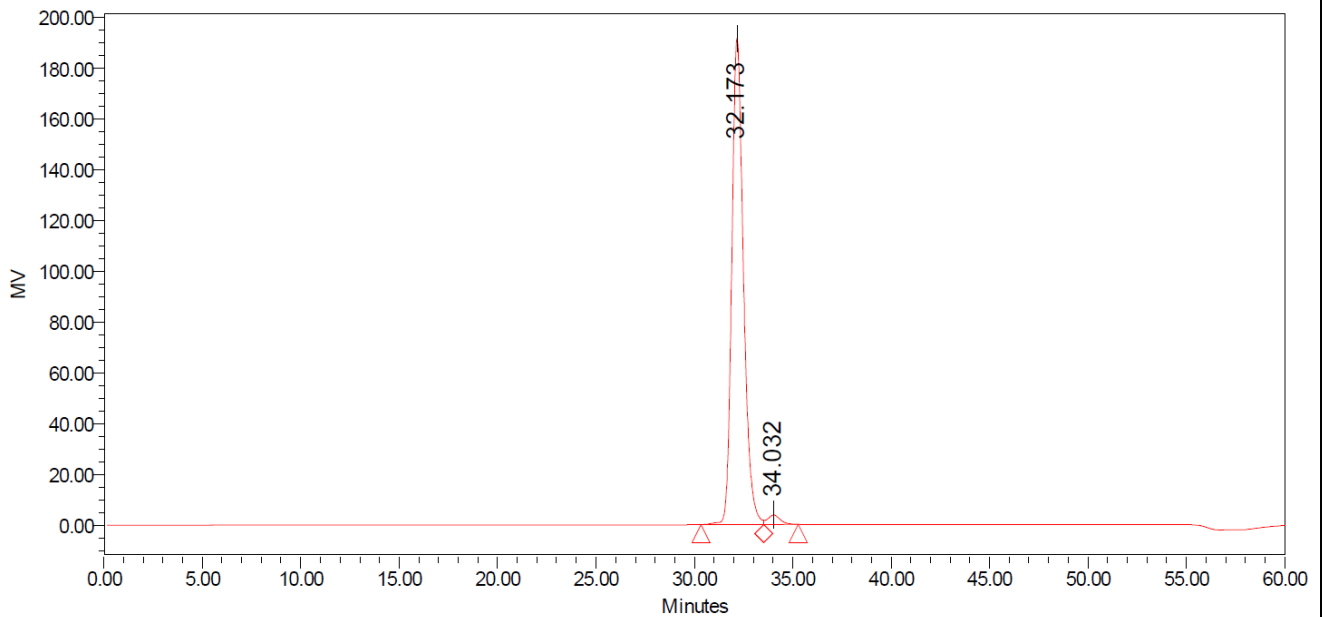
**PREPARATION:**

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 35mm).  
 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	32.173	7884200	97.93	191429
2	410	34.032	166611	2.07	3766

**TLC:**

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

