

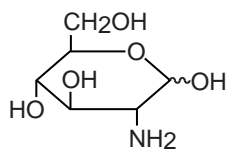
Unison UK-Amino  
Unison UK-C18

250 x 3 mm  
150 x 3 mm

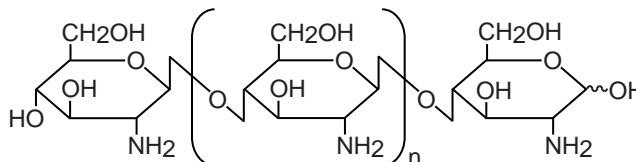
Application

### Chitosan oligosaccharides

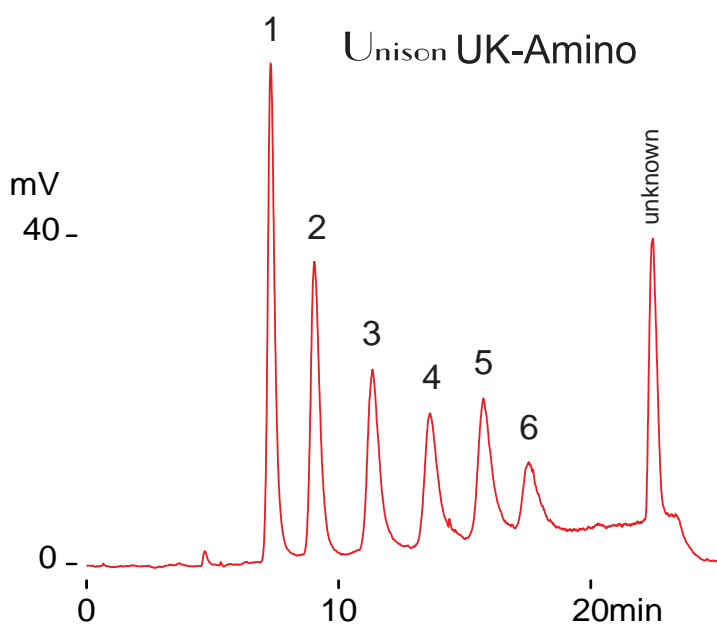
キトサンオリゴ糖



1. D-glucosamine

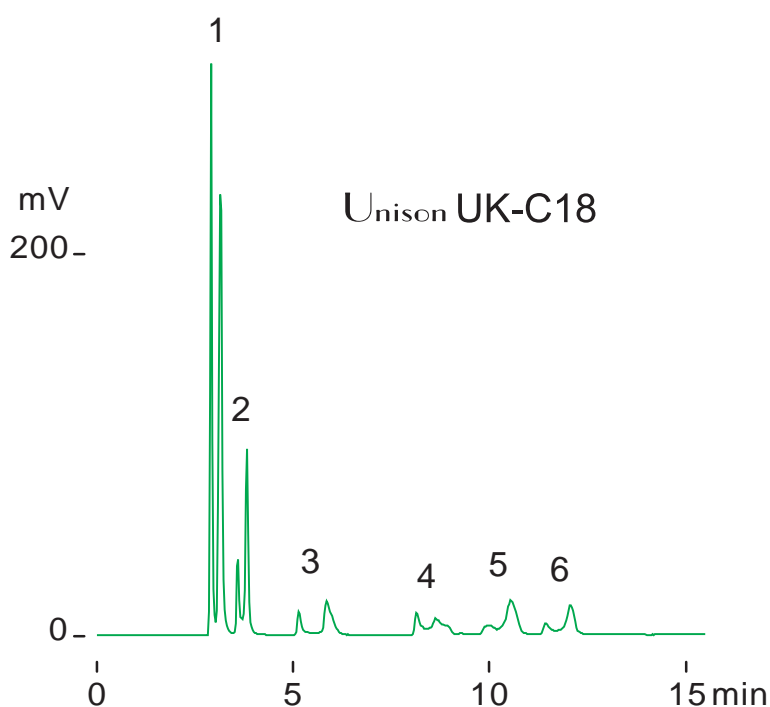


- 2. chitosan dimer (n=0)
- 3. chitosan trimer (n=1)
- 4. chitosan tetramer (n=2)
- 5. chitosan pentamer (n=3)
- 6. chitosan hexamer (n=4)



**normal phase**

**Unison UK-Amino**, 250 x 3 mm  
A: acetonitrile  
B: 50mM ammonium formate  
22-35%B (0-20min)  
0.4 mL/min (8 MPa), 60 deg.C  
ELSD, 1.5 uL (15ug)



**reversed phase**

**Unison UK-C18**, 150 x 3 mm  
A: 50mM ammonium acetate  
B: acetonitrile  
0-7%B(0-15min)  
0.4mL/min (14 MPa), 37deg.C  
ELSD, 3uL (18ug)