

CLICK ON THE UNDERLINED BLUE TEXT FOR DETAILS ON THE PRODUCTS USED IN THIS APPLICATION

## TEST CONDITIONS

### Chromatographic Conditions

Column: ACQUITY UPLC® BEH Amide  
2.1 x 50 mm, 1.7 µm

Part Number: [186004800](#)

Mobile Phase A: 80/20 acetone/H<sub>2</sub>O with 0.05% triethylamine [TEA]

Mobile Phase B: 30/70 acetone/H<sub>2</sub>O with 0.05% triethylamine [TEA]

Flow Rate: 0.17 mL/min

Gradient: 5 minute gradient, 80%-60% MeCN with 10 minute re-equilibration

Time (min)	Profile	
	%A	%B
0.00	100.00	0.00
5.00	60.00	40.00
5.01	100.00	0.00
15.00	100.00	0.00

Injection Volume: 0.7 µL (PLNO)

Sample Concentration: 1 mg/mL each

Sample Diluent: 50/50 MeCN/H<sub>2</sub>O

Column Temperature: 85 °C

Strong Needle Wash: 20/80 MeCN/H<sub>2</sub>O (800 µL)

Weak Needle Wash: 75/25 MeCN/H<sub>2</sub>O (500 µL)

Seal Wash: 50/50 MeCN/H<sub>2</sub>O

Instrument: Waters ACQUITY UPLC with ELSD

### ELSD Conditions

Gain: 200

Pressure: 40 psi

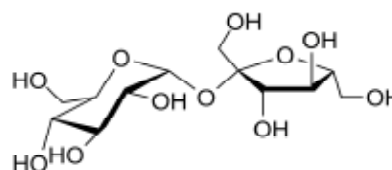
Drift Tube Temperature: 40 °C

Nebulizer: Cooling

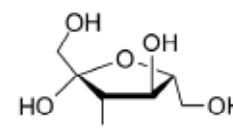
Data Rate: 10 pps

Filter Time Constant: Normal

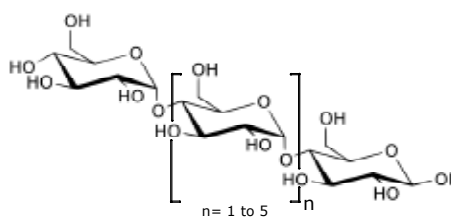
## STRUCTURES



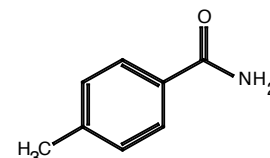
Sucrose



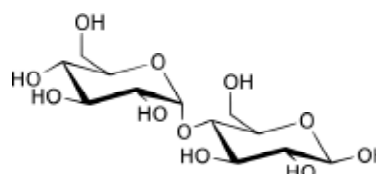
Fructose



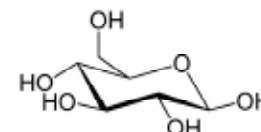
Maltooligosaccharides



p-Toluamide  
(unretained compound)



Maltose



Glucose

## COMPOUNDS

- |                |                |                   |
|----------------|----------------|-------------------|
| 1. p-Toluamide | 4. Sucrose     | 7. Maltotetraose  |
| 2. Fructose    | 5. Maltose     | 8. Maltopentaose  |
| 3. Glucose     | 6. Maltotriose | 9. Maltohexaose   |
|                |                | 10. Maltoheptaose |

