

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

## TEST CONDITIONS

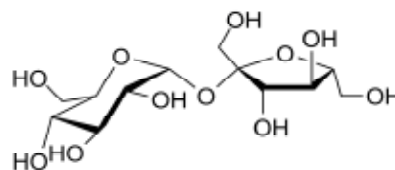
## Chromatographic Conditions

Column:	ACQUITY UPLC® BEH Amide 2.1 x 150 mm, 1.7 µm
Part Number:	<a href="#">186004802</a>
Mobile Phase A:	80/20 MeCN/H <sub>2</sub> O with 0.2% triethylamine [TEA]
Mobile Phase B:	30/70 MeCN/H <sub>2</sub> O with 0.2% triethylamine [TEA]
Flow Rate:	0.29 mL/min
Flow Profile:	90% A/10% B (75% MeCN with 0.2% TEA)
Injection Volume:	2.0 µL (PLNO)
Sample Concentration:	Standards at 1 mg/mL each, molasses at 5 mg/mL
Sample Diluent:	50/50 MeCN/H <sub>2</sub> O
Column Temperature:	35 °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

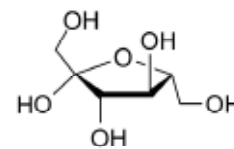
## ELSD Conditions

Gain:	200
Pressure:	40 psi
Drift Tube Temperature:	40 °C
Nebulizer:	Cooling
Data Rate:	10 pps
Filter Time Constant:	Normal

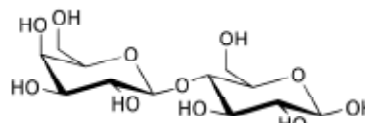
## STRUCTURES



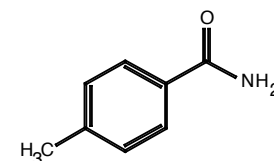
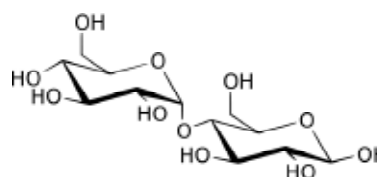
Sucrose



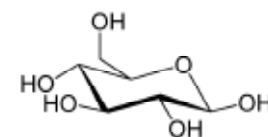
Fructose



Lactose

p-Toluamide  
(unretained compound)

Maltose



Glucose

## COMPOUNDS

- |                |            |            |
|----------------|------------|------------|
| 1. p-Toluamide | 3. Glucose | 5. Maltose |
| 2. Fructose    | 4. Sucrose | 6. Lactose |

