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 100 mm, 1.7 µm
Part Number:	186004801
Mobile Phase A:	80/20 MeCN/H_2O with 0.2% triethylamine [TEA]
Mobile Phase B:	30/70 MeCN/H_2O with 0.2% triethylamine [TEA]
Flow Rate:	0.13 mL/min
Gradient:	10 minute gradient, 75%-45% MeCN (w/0.2% TEA) with 25 minute re-equilibration

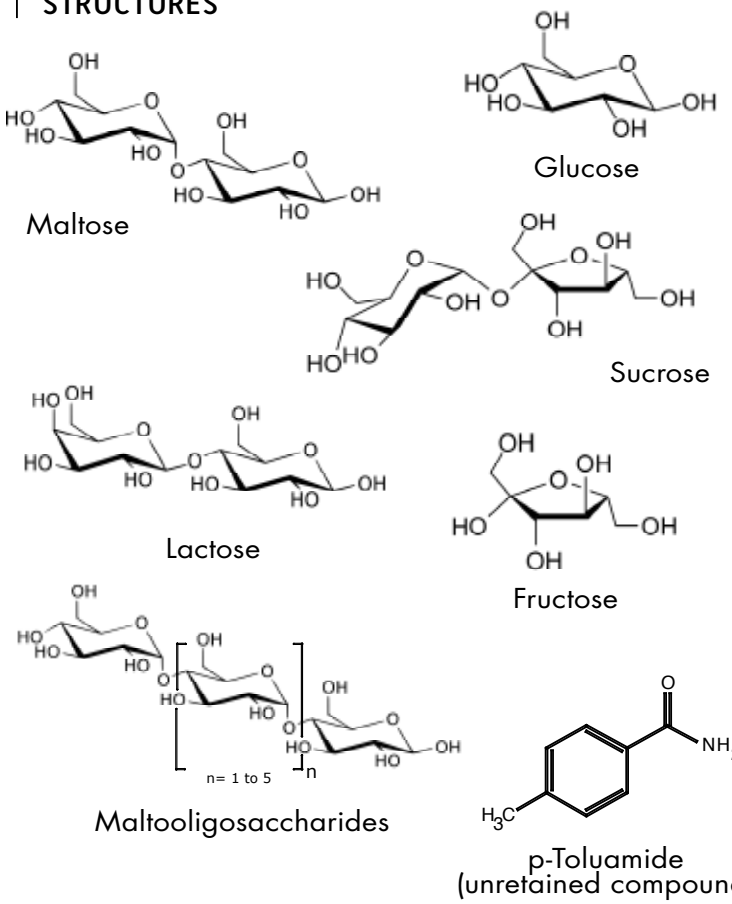
Time (min)	Profile %A	%B
0.00	90.00	10.00
10.00	30.00	70.00
10.01	90.00	10.00
35.00	90.00	10.00

Injection Volume:	1.3 µL (PLNO)
Sample Concentration:	Standards at 1 mg/mL, beer at 100% (No dilution)
Sample Diluent:	50/50 MeCN/H_2O
Column Temperature:	35 °C
Strong Needle Wash:	20/80 MeCN/H_2O (800 µL)
Weak Needle Wash:	75/25 MeCN/H_2O (500 µL)
Seal Wash:	50/50 MeCN/H_2O
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



COMPOUNDS

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