

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

TEST CONDITIONS

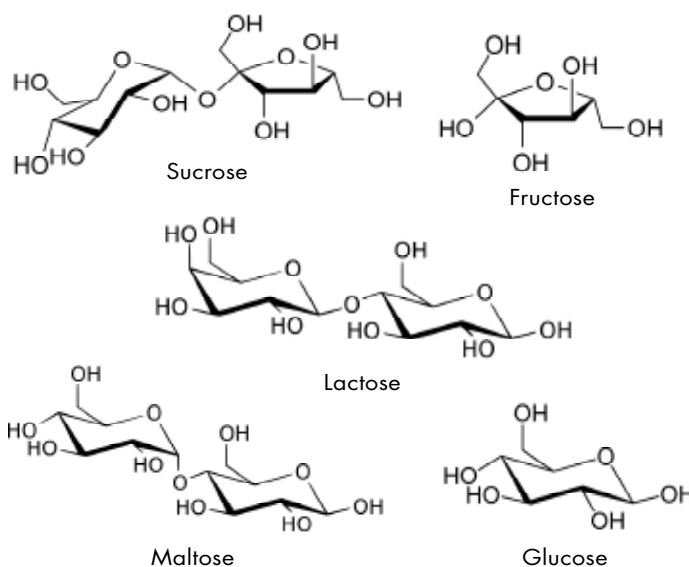
Chromatographic Conditions

Column:	ACQUITY UPLC® BEH Amide 2.1 x 50 mm, 1.7 µm
Part Number:	186004800
Mobile Phase A:	80/20 acetone/H ₂ O with 0.05% ammonium hydroxide [NH ₄ OH]
Mobile Phase B:	30/70 acetone/H ₂ O with 0.05% ammonium hydroxide [NH ₄ OH]
Flow Rate:	0.13 mL/min
Flow Profile:	94% A/6% B (77% acetone with 0.05% NH ₄ OH)
Injection Volume:	0.7 µL (PLNO)
Sample Concentration:	10 µg/mL each
Sample Diluent:	50/50 MeCN/H ₂ O
Column Temperature:	85 °C
Strong Needle Wash:	20/80 MeCN/H ₂ O (800 µL)
Weak Needle Wash:	75/25 MeCN/H ₂ O (500 µL)
Seal Wash:	50/50 MeCN/H ₂ O
Instrument:	Waters ACQUITY UPLC with ACQUITY TQD

Mass Spectrometer Conditions

Ionization Mode:	ES ⁻
Capillary:	2.8 kV
Cone Voltage:	25 V
Source Temperature:	120 °C
Desolvation Temperature:	350 °C
Desolvation Gas Flow:	500 L/Hr
Cone:	50 L/Hr
SIR (m/z):	179.2 (Fructose, Glucose); 341.3 (Sucrose, Maltose, Lactose)
Dwell Time:	0.08 s

STRUCTURES



COMPOUNDS

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

