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/H₂0 with 0.2%

triethylamine [TEA]

Mobile Phase B: 30/70 MeCN/H₂0 with 0.2%

triethylamine [TEA]

Flow Rate: 0.13 mL/min

Gradient: 10 minute gradient, 80%-50%

MeCN (w/0.2% TEA) with 25 minute

re-equilibration

Time	Profile	
(min)	%A	%B
0.00	100.00	0.00
10.00	40.00	60.00
10.01	100.00	0.00
35.00	100.00	0.00

Injection Volume: 1.3 µL (PLNO)

Sample Concentration: Standards at 1 mg/mL each, potato

chips extracted at 120 mg/mL

Sample Diluent: 50/50 MeCN/H₂O

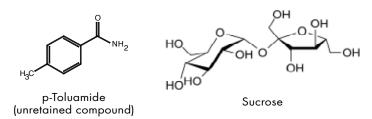
Column Temperature: 35 °C

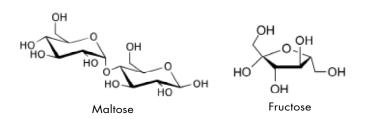
Strong Needle Wash: 20/80 MeCN/H $_2$ 0 (800 μ L) Weak Needle Wash: 75/25 MeCN/H $_2$ 0 (500 μ L)

Seal Wash: 50/50 MeCN/H₂0

Instrument: Waters ACQUITY UPLC with ELSD

STRUCTURES





COMPOUNDS

1. p-Toluamide

3. Glucose

5. Maltose

2. Fructose

4. Sucrose

6. Lactose

ELSD Conditions

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

