

IC Application Note No. P-42

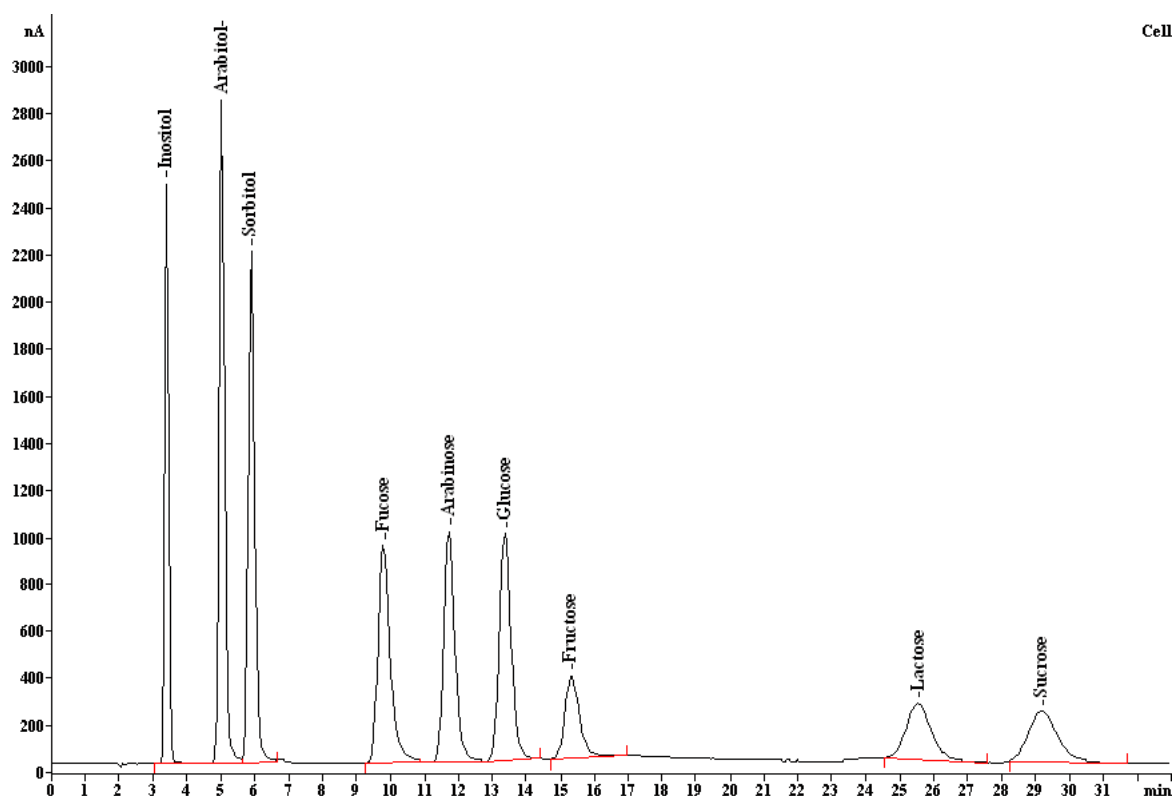
Title: Selectivity of the Hamilton RCX-30 – 250 (4.6 mm) column

Summary: Determination of carbohydrates on the Hamilton RCX-30 – 250 (4.6 mm) column using pulsed amperometric detection.

Sample: Standard solution

Sample Preparation:

Column: 6.1018.000 Hamilton RCX-30 – 250 (4.6 mm)
Eluent: 150 mmol/L NaOH
Voltage: 50 mV **Temperature:** 32°C
Flow: 1.0 mL/min
Injection Volume: 20 µL



Results:	Inositol mg/L	Xylitol mg/L	Arabitol mg/L	Sorbitol mg/L	Fucose mg/L	Arabinose mg/L	Glucose mg/L	Fructose mg/L	Lactose mg/L	Sucrose mg/L
	5.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0