

# IC Application Note No. P-43

**Title:** Selectivity of the Hamilton RCX-30 – 150 (4.6 mm) column

**Summary:** Determination of carbohydrates on the Hamilton RCX-30 – 150 (4.6 mm) column using pulsed amperometric detection.

**Sample:** Standard solution

**Sample Preparation:**

**Column:** 6.1018.010 Hamilton RCX-30 – 150 (4.6 mm)

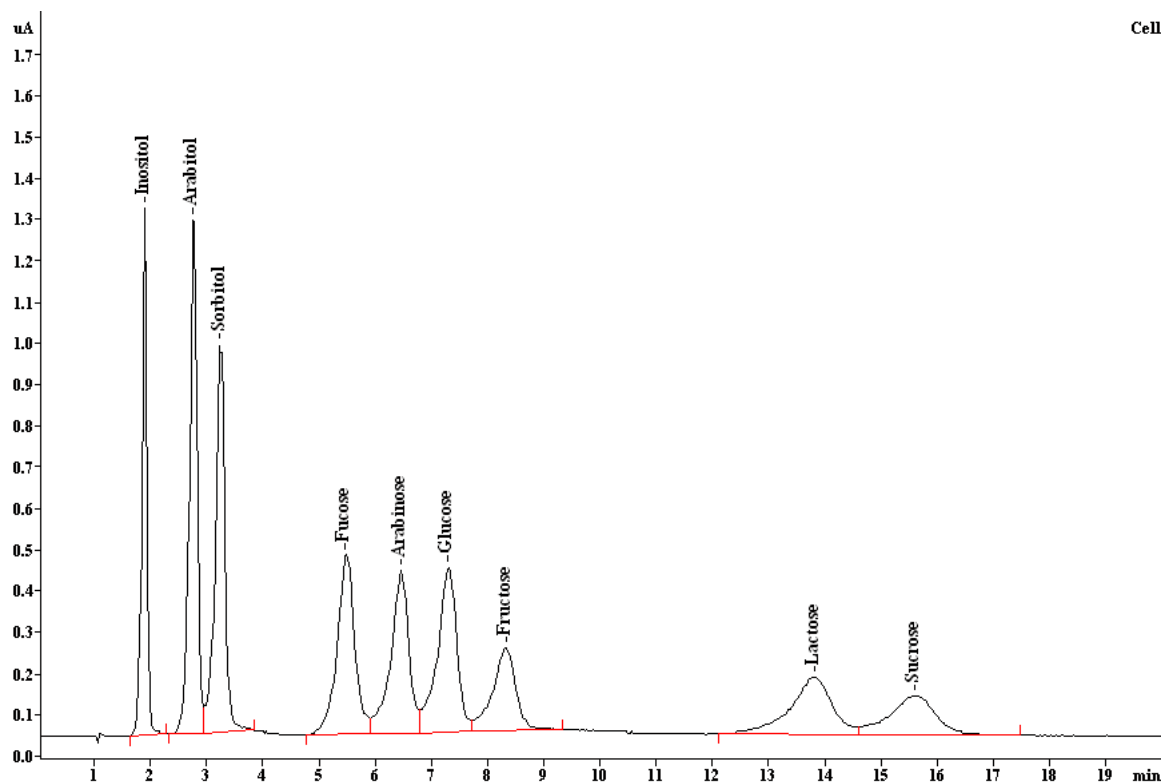
**Eluent:** 150 mmol/L NaOH

**Voltage:** 50 mV

**Temperature:** 32 °C

**Flow:** 1.0 mL/min

**Injection Volume:** 20 µL



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