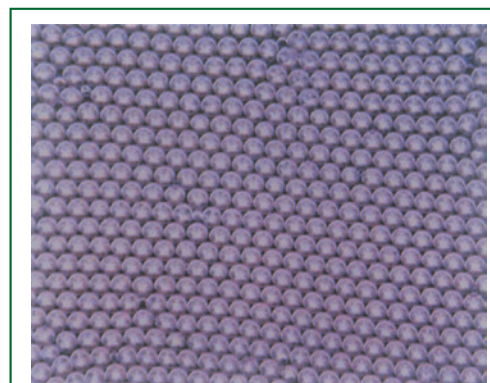


# SUGAR COLUMNS

## SUCREBEAD I

Sucrosebead I is targeted exclusively to carbohydrate analysis. It is based on styrene/divinylbenzene polymer support. Its mono-dispersion character was given by the unique two-step swelling method used for the polymerization, and is advantageous in chromatographic separation.

- Excellent durability
- Efficient peaks at low pressure

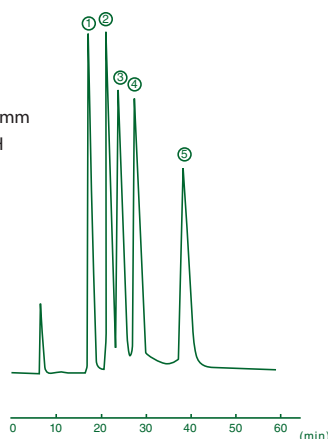


Mono-dispersion particles

**Sucrosebead I, in combination with the pulsed amperometric detector (PAD), provides a high-sensitivity carbohydrate analysis.**

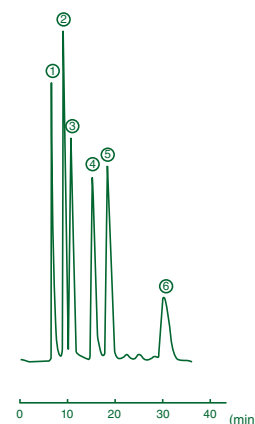
### Monosaccharides

Column	: SUCREBEAD I
	2.0 mm i.d. x 250 mm
Mobile Phase	: 200mmol/L NaOH
Flow Rate	: 100 $\mu$ L/min
Temperature	: 35°C
Detection	: PAD
Sample	: 1. Fucose
	2. Mannose
	3. Glucose
	4. Galactose
	5. Ribose



### Suger alcohols

Column	: SUCREBEAD I
	2.0 mm i.d. x 250 mm
Mobile Phase	: 200mmol/L NaOH
Flow Rate	: 100 $\mu$ L/min
Temperature	: 35°C
Detection	: PAD
Sample	: 1. myo-Inositol
	2. meso-Erythritol
	3. Xylitol
	4. Sorbitol
	5. Mannitol
	6. Maltitol



## SUCREBEAD II

Sucrosebead II is developed to analyze carbohydrates by using anion-exchanging polymer as a stationary phase. Sucrosebead II enables operation under high pH range and high selectivity with carbohydrates.

### Optimum for analyzing oligosaccharides and polysaccharides

