

SEDEX Low Temperature Evaporative Light Scattering Detector

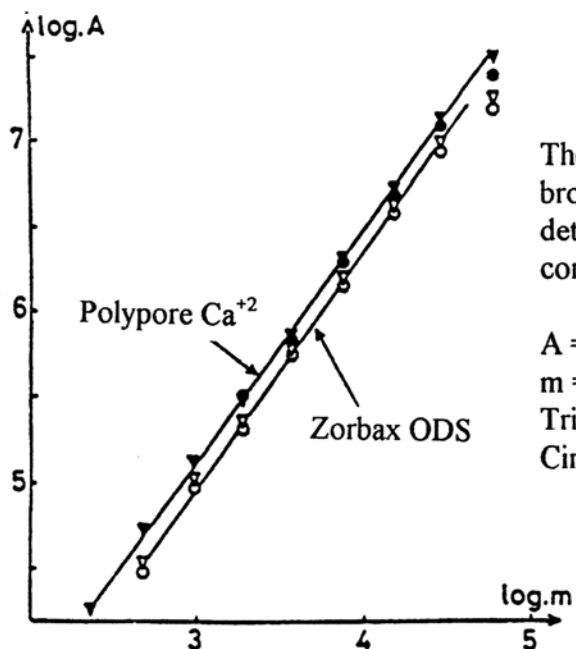
SAMPLE: SUGARS

HPLC

	MW
1) Raffinose	504
2) Sucrose	342
3) Glucose	180
4) Fructose	180
5) Sorbitol	182



Sample contains 1 μg of each sugar



The detector provides a linear response over a broad concentration range. The lower limit of detection is 30 ng of each sugar (using the conditions described below).

A = Peak Area
 m = injected sample (ng)
 Triangles = Glucose
 Circles = Raffinose

CONDITIONS

Columns	<i>Polypore Ca⁺² and Zorbax ODS - 7 μm</i> 250 x 4.6 mm
Injected Volume	20 μl
Eluent	Water
Flow Rate	1.0 ml/min
Pressure	2.2 bars
Gas	Air
Temperature	45° C

Analyzed By : LCBA 45100 Orleans FRANCE

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Application #1