

Errata Notice

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10060 - Column Application Note Characterization of Oligo Dextran

Dextrans are neutral bio-polysaccharides and bio-oligosaccharides that are prepared enzymatically from saccharose. They are used in different technical and food related fields.

Experimental Setup

Mobile Phase:	Water Sodium azide 0.05%
Stationary Phase:	PSS MCX
Flow rate [mL/min]:	0,50
Temperature [°C]:	80
Detection:	Shodex-RI71
Calibration:	Kit Pullulan
Data processing:	PSS WinGPC

Recommendations for Sample Concentration

narrow PDI	
M 100 Da - 10 000 Da:	2 g/L
M 10 000 Da - 1 000 000 Da:	1-2 g/L
M > 1 000 000 Da:	0.5 g/L or less
broad PDI (>1.5)	
all molar masses:	3.0 - 5.0 g/L
Injection volume [μ L]:	20



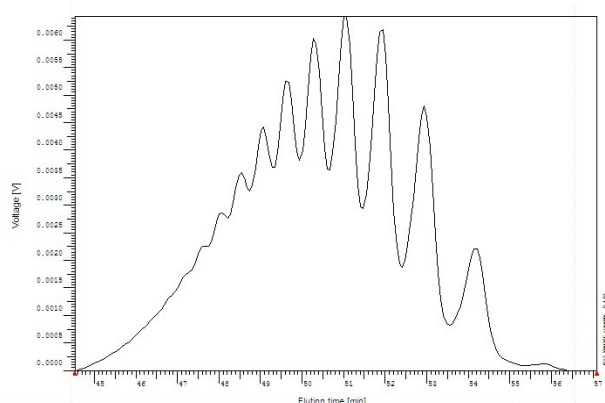
Suitable Columns

low molecular weights:	P/N 211-0001 (set of 3)
medium molecular weights:	-
high molecular weights:	-
ultrahigh molecular weights:	-

Elugram

separation on PSS MCX

separation on PSS MCX



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