Supporting Information

Structural Architectural Features of Cyclodextrin Oligoesters Revealed by Fragmentation Mass Spectrometry Analysis

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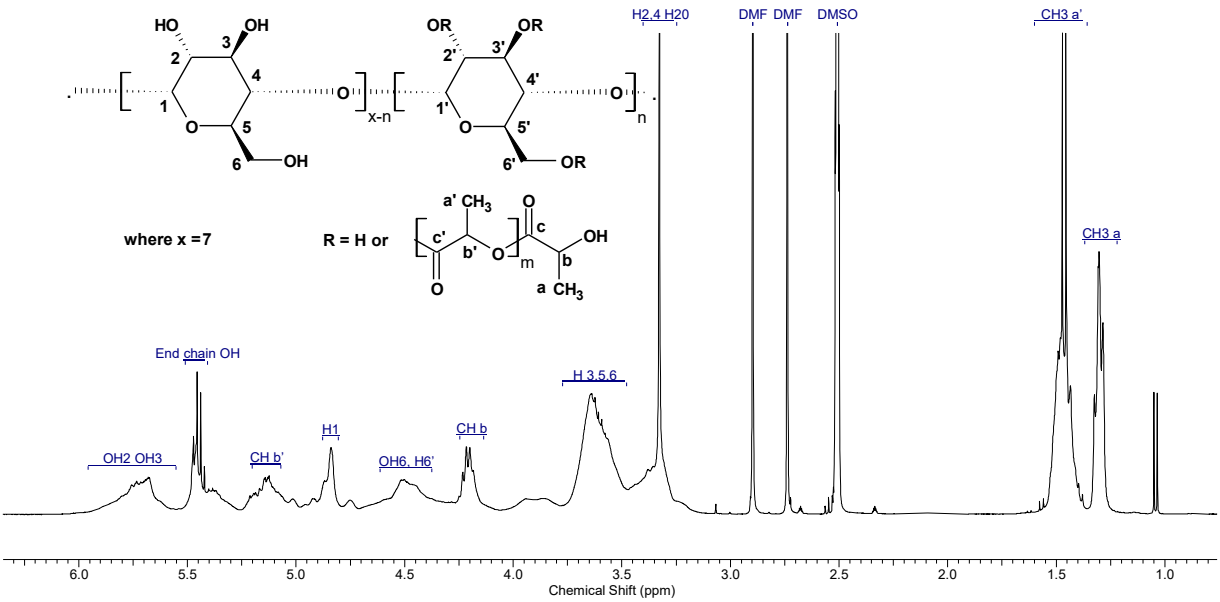

Figure S1. [1]H NMR spectrum of CD-LA.

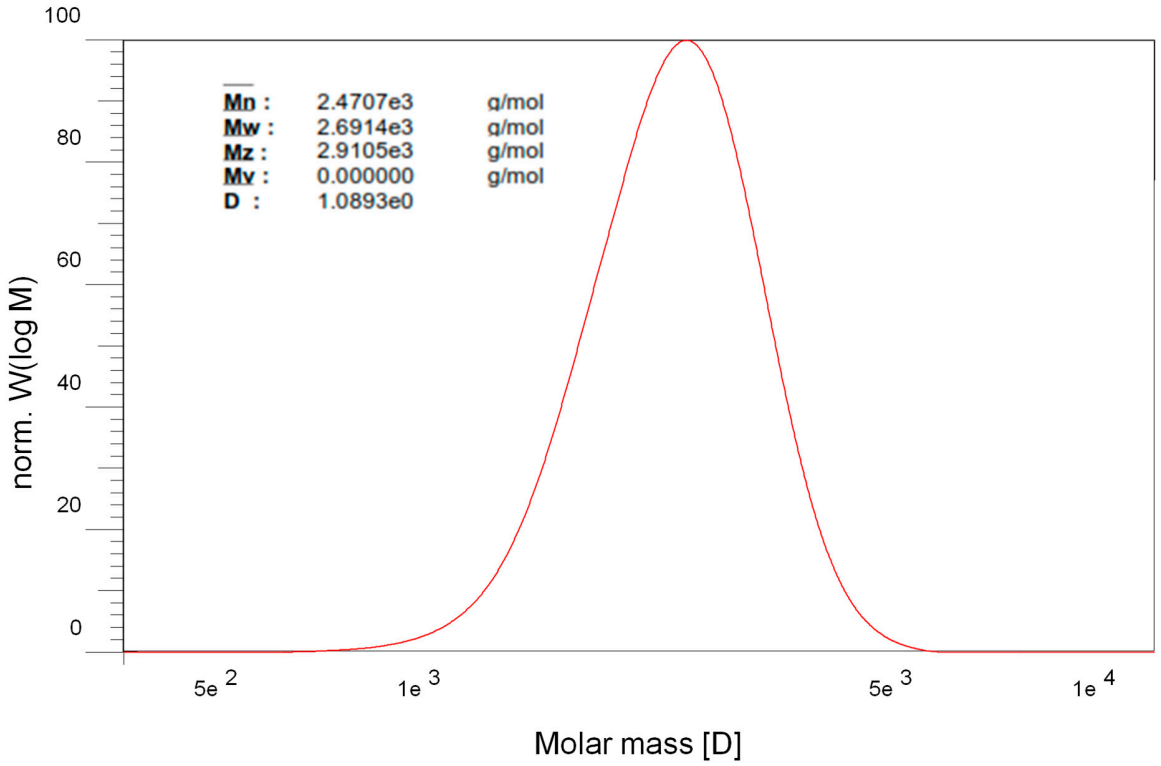

Figure S2. GPC results for the CD-LA.

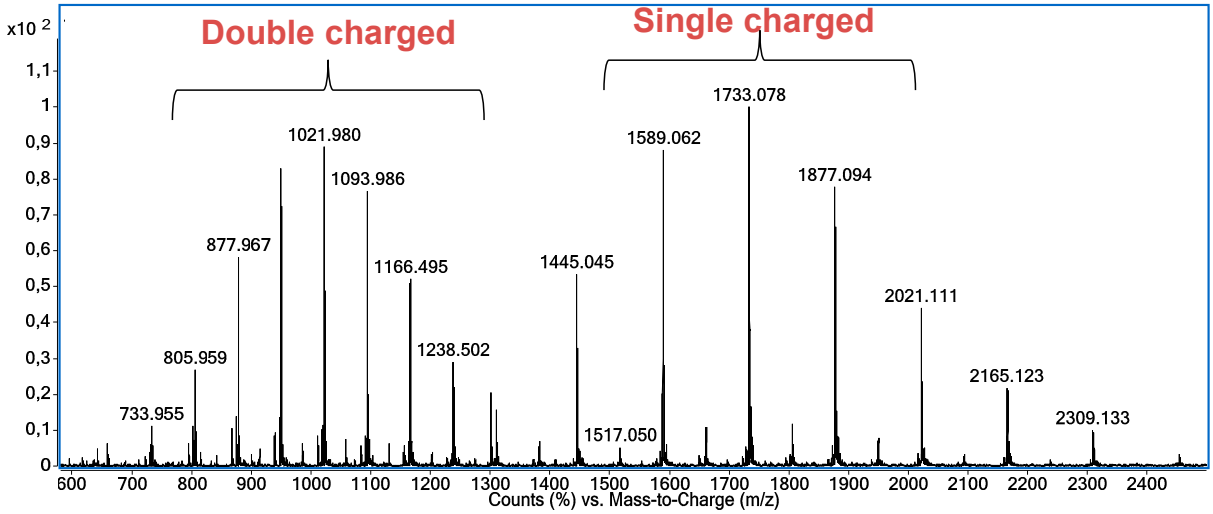

Figure S3. ESI MS spectrum of CD-LA (low molecular weight fraction).

Table S1. Fragment peak intensities (I_r) observed in the MS/MS spectra of the K-charged precursor ions.

Number of lost lactate units	I_r – [CD – LA_4 + K]$^+$	*m/z*	I_r – [CD – LA_9 + K]$^+$	*m/z*	I_r – [CD – LA_{12} + K]$^+$	*m/z*
1	23223	1659	47421	2379	9340	2811
2	106762	1587	134405	2307	20185	2739
3	9861	1515	29609	2235	6820	2667
4	55575	1443	141310	2163	24344	2595
5	-	-	-	-	3627	2523
6	7838	1299	64512	2019	13220	2451