Electronic Supplementary Material (ESI) for Nanoscale Advances.

-Supporting information-

Biocompatible nanocarriers for passive transdermal delivery of insulin based on self-adjusting *N*-alkylamidated carboxymethyl cellulose polysaccharides

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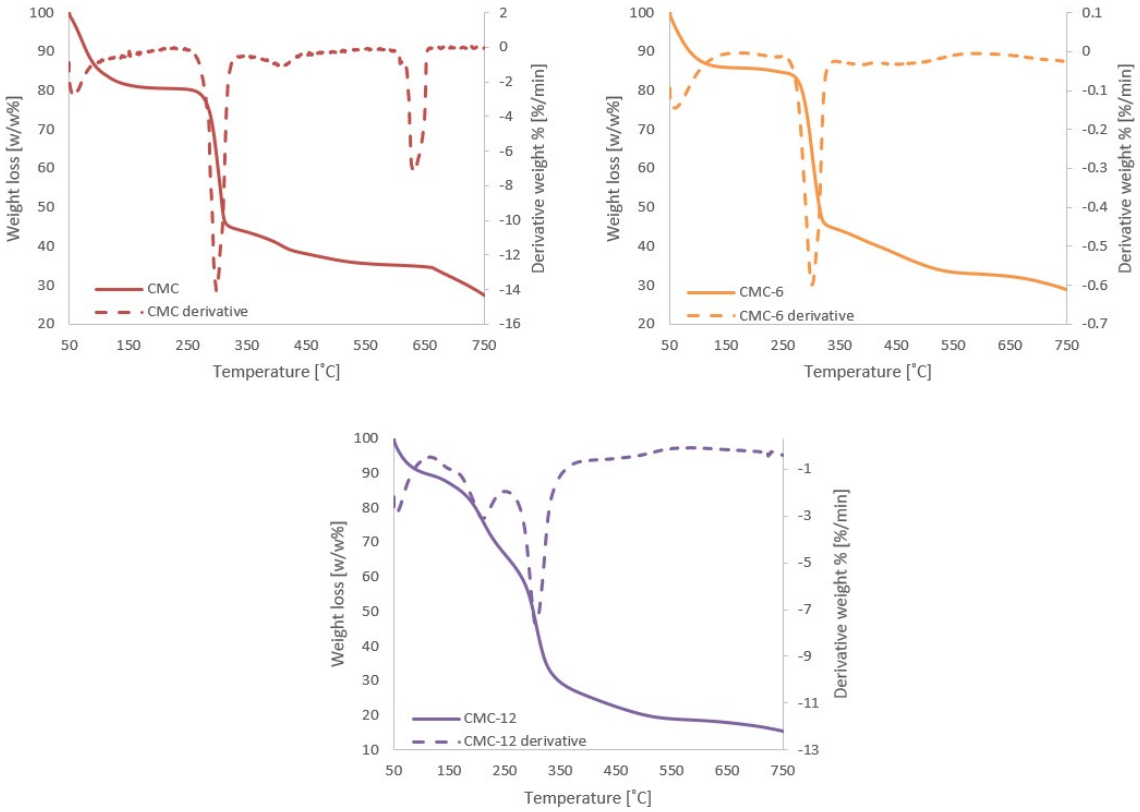

Figure S1 TGA derivatives for the prepared CMC and *N*-alkylamidated CMC-6 and CMC-12.

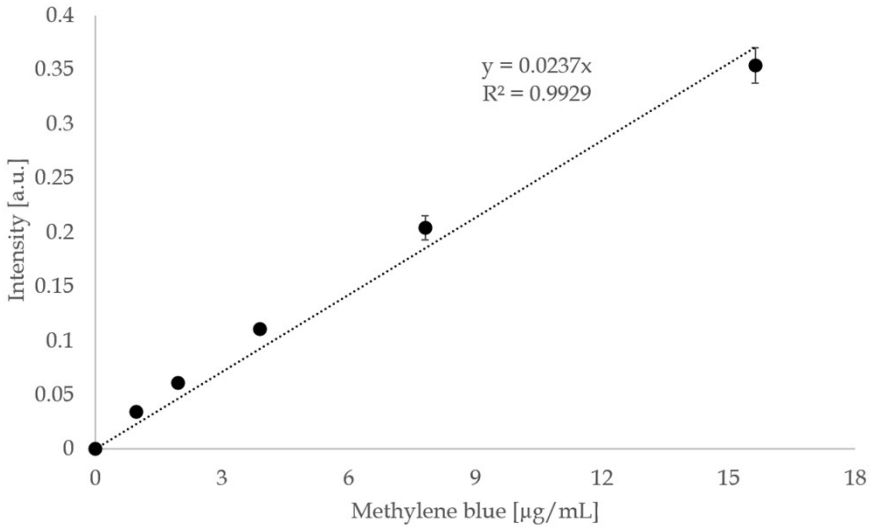

Figure S2 Calibration curve of methylene blue.

Table S1 Immunoassay method validation analyses at three concentrations [1].

Low:

	Repeatability		Intermediate precision	
Mean value	**S_r**	**%CV_r**	**S_{Rw}**	**%CV_{rw}**
0.5	0.0	4.8	0.1	12.7

Medium:

	Repeatability		Intermediate precision	
Mean value	**S_r**	**%CV_r**	**S_{Rw}**	**%CV_{rw}**
0.10	0.01	9.1	0.0	18.6

High

	Repeatability		Intermediate precision	
Mean value	**S_r**	**%CV_r**	**S_{Rw}**	**%CV_{rw}**
1.3	0.1	5.1	0.2	13.3

Reference

1. Andreasson, U.; Perret-Liaudet, A.; Doorn, L.J.C. van W. van; Blennow, K.; Chiasserini, D.; Engelborghs, S.; Fladby, T.; Genc, S.; Kruse, N.; Kuiperij, H.B.; et al. A Practical Guide to Immunoassay Method Validation. *Front. Neurol.* **2015**, *6*, 179, doi:10.3389/FNEUR.2015.00179.