

Supplementary material for the article:

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Supplementary data

High-performance thin-layer chromatography combined with pattern recognition techniques as tool to distinguish thickening agents

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Table S-1

Brief information on the commercially available thickening agents investigated
(manufacturers in Morlock & Gamlich, 2012).

Sample No.	Application volume (µL)	Thickening agent	European number	Monomeric units
1	7.0	Alginic acid	E400	ManA, GulA
2	7.0	Alginic acid	E401	ManA, GulA
3	7.0	Sodium alginate	E401	ManA, GulA
4	7.0	Sodium alginate	E401	ManA, GulA
5	7.0	Sodium alginate	E401	ManA, GulA
6	7.0	Sodium alginate	E401	ManA, GulA
7	7.0	Sodium alginate	E401	ManA, GulA
8	7.0	Sodium alginate	E401	ManA, GulA
9	7.0	Potassium alginate	E402	ManA, GulA
10	7.0	Ammonium alginate	E403	ManA, GulA
11	7.0	Propyleneglycol alginate	E405	ManA, GulA
12	1.0	Agar agar	E406	Gal, 3,6-AnhydroGal
13	1.0	Agar agar	E406	Gal, 3,6-AnhydroGal
14	1.0	Agar agar	E406	Gal, 3,6-AnhydroGal
15	1.0	Carrageen	E407	Gal, 3,6-AnhydroGal
16	1.0	Carrageen	E407	Gal, 3,6-AnhydroGal
17	1.0	Carrageen	E407	Gal, 3,6-AnhydroGal
18	1.0	Carrageen	E407	Gal, 3,6-AnhydroGal
19	1.0	Carubin	E410	Gal, Man, (Ara)
20	1.0	Carubin	E410	Gal, Man, (Ara)
21	1.0	Carubin	E410	Gal, Man, (Ara)
22	1.0	Guaran	E412	Gal, Man, (Ara)
23	1.0	Guaran	E412	Gal, Man, (Ara)
24	1.0	Guaran	E412	Gal, Man, (Ara)
25	1.0	Guaran	E412	Gal, Man, (Ara)
26	1.0	Guaran and microcrystalline cellulose	E460i E412	Gal, Man, Glc
27	1.0	Traganth	E413	GalA, Fuc, Ara, Xyl DAB
28	1.0	Gummi arabicum	E414	GlcA, Rha, Ara, Gal
29	1.0	Xanthan	E415	GlcA, Man, Glc
30	1.0	Xanthan	E415	GlcA, Man, Glc
31	1.0	Xanthan	E415	GlcA, Man, Glc
32	1.0	Karaya	E416	GalA, Rha, Gal
33	1.0	Pectin C	E440	GalA, Gal
34	1.0	Pectin A	E440	GalA, Gal
35	1.0	Pectin (not specified)	E440	GalA, Gal
36	1.0	Pectin A	E440	GalA, Gal
37	2.0	Pectin A (formulation)	E440	GalA, Gal
38	2.0	Pectin A (formulation)	E440	GalA, Gal
39	7.0	Na-Carboxymethyl cellulose	E466	Glc
40	7.0	Hydroxypropylmethyl cellulose	E466	Glc
41+45	7.0	Na-Carboxymethyl cellulose	E466	Glc
42+46	7.0	Microcrystalline cellulose	E466i	Glc
43+47	7.0	Hydroxypropylmethyl cellulose	E466	Glc
44+48	1.0	Starch	-	Glc