

Supplementary Materials –Tables:

LC-MS/MS method for polyphenols:

Table S1: System parameters

Instrument LC:	LC-MS/MS
Column:	C18 2,5µm (4,6 mm x 150 mm)
Flow:	0.75 mL/min
Stop time:	20 min
Post time:	0 min
Injection volume:	10 µL
Column temperature:	45 °C
Sampler temperature:	15 °C
UV Detector:	280 nm
Ionization mode:	ESI
Gas temperature:	300 °C
Gas flow:	10 L/min
Sheath gas temperature:	350 °C
Sheath gas flow:	11 L/min
Capillary voltage:	3500 V
VCharging:	500
Detection mode:	MRM
Mobile phase A:	1% formic acid in ULC-MS water
Mobile phase B:	1% formic acid in ULC-MS methanol

Table S2: Gradient LC

Time (min)	Mobile phase (v/v %)	
	A	B
0	95	5
2.0	95	5
13.0	0	100
15.0	0	100
16.0	95	5
20.0	95	5

Table S3: LCMS parameters

Compound	Precursor ion	Product ion	Dwell time (ms)	Frag (V)	CE (V)	CA (V)	Polarity
Delphinidin-3-glucoside	465.4	303	50	149	24	4	Positive
Delphinidin-3-glucoside	465.4	229	50	149	50	4	Positive
Cyanidin-3-glucoside	449.4	287.1	50	148	20	4	Positive
Cyanidin-3-glucoside	449.4	137.1	50	148	50	4	Positive
Catechin/Epicatechin	291.3	139	50	97	12	4	Positive
Catechin/Epicatechin	291.3	123	50	97	32	4	Positive
Peonidin-3-glucoside	463.4	301.1	50	128	20	4	Positive
Peonidin-3-glucoside	463.4	286	50	128	48	4	Positive
Epigallocatechin-3-glucoside	459.4	151.2	50	118	8	4	Positive
Epigallocatechin-3-glucoside	459.4	139.1	50	118	24	4	Positive
Chlorogenic acid	355.3	163.1	50	82	12	4	Positive
Chlorogenic acid	355.3	135	50	82	40	4	Positive
Epicatechin gallate	443.4	139.2	50	108	28	4	Positive
Epicatechin gallate	443.4	123	50	108	24	4	Positive
Sulforaphane	178.3	114.1	50	97	8	4	Positive
Sulforaphane	178.3	72	50	97	32	4	Positive
Quercetin-3-glucoside	465.4	303.1	50	103	8	4	Positive
Quercetin-3-glucoside	465.4	85	50	103	28	4	Positive
Resveratrol	229.2	135	50	103	12	4	Positive

Table S4: Compound table with indicative retention times

Compound	Retention time – indicative (min)
Delphinidin-3-glucoside	7.0
Cyanidin-3-glucoside	7.4
Catechin	7.4
Peonidin-3-glucoside	7.9
Epigallocatechin-3-gallate	7.9
Epicatechin	8.2
Chlorogenic acid	8.2
Epicatechin gallate	8.8
Sulforaphane	9.3
Quercetin-3-glucoside	10.1

Resveratrol	10.3
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LC-UV method for carotenoids:

Table S5: System parameters

Instrument LC:	LC-UV
Column:	C18 2.5 µm (3.0 mm x 150 mm)
Flow:	0.5 ml/min
Stop time:	28 min
Post time:	0 min
Injection volume:	5µL
Temperature sampler:	15 °C
Temperature oven:	40 °C
UV detector:	450 nm
Mobile phase A:	97.5% methanol, 2.5% ULC-MS water
Mobile phase B:	100% Isopropyl alcohol

Table S6: Gradient LC

Time (min)	Mobile phase (v/v %)	
	A	B
0	100	0
3.0	100	0
14.0	25	75
17.0	0	100
20.0	0	100
22.0	100	0
28.0	100	0

Table S7: Compound table with indicative retention times

Compound	Retention time – indicative (min)
Lutein	3.4
Lycopene	12.6
Alpha-carotene	13.5
Beta-carotene	13.6

LC-UV method for vitamin C:

Table S8: System parameters

Instrument LC:	LC-UV
Column:	C ₁₈ T3 3µm, 4.6 x 150 mm
Flow:	0.5 ml/min
Stop time:	15 min
Post time:	0 min
Injection volume:	5µL
Temperature sampler:	15 °C
Temperature oven:	20 °C
UV detector:	254 nm
Gradient:	Isocratic
Mobile phase	0.05% formic acid in ULC-MS water

Table S9: Raw Data Overview

A1. Polyphenol Measurements

t0		c. (mg/kg)										
Naam	BL-nummer	Delphinidin-3-glucoside	Cyanidin-3-glucoside	Catechin	Peonidin-3-glucoside	Epigallocatechin-3-gallate	Epicatechin	Chlorogenic acid	Epicatechin gallate	Sulforaphane	Quercetin-3-glucoside	Resveratrol
Pas-k	2950-1	3.326112	28.59499	0.337752	1.158937	1.324091	0.910097	1.788841	0.451935	1.555873	4.108685	0.046687
Pas-k	2950-2	3.296751	29.90546	0.304295	1.144568	1.258205	0.780353	1.681147	0.464693	1.539565	4.15798	0.032541
Pas-k	2950-3	3.212982	30.44242	0.31563	1.227824	1.290723	0.782	1.723959	0.462778	1.562252	4.181563	0.041918
Pst-k	2938-1	5.774619	31.33584	1.111834	1.097067	4.823085	3.520709	13.52332	1.032095	1.284252	4.927313	0.026725
Pst-k	2938-2	5.765444	30.45652	1.03901	1.118639	5.002411	3.626918	14.26237	1.119693	1.307593	5.037793	0.026486
Pst-k	2938-3	6.413337	34.20742	1.207328	1.154587	5.056879	3.95822	14.68234	1.13451	1.369659	5.26847	0.027611
o-k	2942-1	4.535947	30.75845	0.527371	1.251873	2.319057	1.667127	5.067288	0.565963	1.514324	3.37845	0.059363
o-k	2942-2	4.436938	31.44049	0.538857	1.171275	2.27238	1.486087	4.873496	0.533374	1.41729	3.307029	0.018579
o-k	2942-3	4.49108	31.20294	0.518183	1.14252	2.234021	1.629351	4.806855	0.560568	1.532221	3.536794	0.02404
Pas-v 1	2951-1	8.136392	40.42552	0.591716	1.279988	4.028006	1.466904	5.665171	1.165999	1.431855	5.513425	0.016809
Pas-v 1	2951-2	7.29325	38.85501	0.557892	1.439365	4.121074	1.705018	5.73285	1.212252	1.466007	5.350382	0.02554
Pas-v 1	2951-3	7.790111	42.142	0.619673	1.399441	4.003325	1.646758	5.850506	1.247342	1.464756	5.629246	0.040828
Pst-v 1	2939-1	5.494203	32.27339	1.177736	1.141303	5.582181	4.12913	12.64487	1.209776	1.214823	4.592741	0.037696
Pst-v 1	2939-2	5.414909	31.46356	1.102753	1.153961	5.555918	3.973406	12.74626	1.191902	1.201838	4.223755	0.03853
Pst-v 1	2939-3	5.795974	32.86476	1.133587	1.14406	5.555394	3.859585	12.31941	1.184226	1.228432	4.266781	0.033768
o-v 1	2943-1	4.268446	29.01951	0.476157	1.162079	3.173914	1.328617	5.526311	1.044055	1.268287	4.583451	0.014981
o-v 1	2943-2	6.341315	38.08226	0.578718	1.378189	4.187413	1.715498	6.415796	1.055756	1.447958	5.192672	0.016937

o-v 1	2943-3	6.55719	39.139 88	0.6290 04	1.4457 12	4.537789	1.9772	6.899347	1.16957 5	1.466418	5.30568 9	0.02149 7
bramen	2899-1	0.120137	182.47 87	0.1445 75	0.4199 98	0.08049	6.00077 7	0.341085	0.01954 2	0.000252	3.62423 6	0.00610 8
bramen	2899-2	0.064182	203.29 43	0.1681 75	0.4744 97	0.031817	6.69808	0.244498	0.02030 2	0.00011	4.3418	0.01183 5
bramen	2899-3	0.032173	190.17 98	0.1602 53	0.4117 21	0.024269	6.43154 8	0.226417	0.01280 3	0.000149	3.54381 7	0.00739 9
appel	2895-1	0.016935	20.091 98	0.5800 97	0.0259 86	0.012698	6.62300 6	15.93164	#VALUE! !	0	31.1878 6	0.01507 6
appel	2895-2	0.011661	17.036 8	0.6382 26	0.0322 45	0.012641	7.96952 1	19.27321	#VALUE! !	0	34.6523 7	0.01993 5
appel	2895-3	0.010472	18.520 09	0.7242 95	0.0292 02	0.005176	7.60357 7	18.71439	#VALUE! !	0.000103	30.9082 1	0.03589 9
blauwe bessen	2901-1	137.2167	23.115 45	3.0839 17	3.9840 82	0.003913	0.15267 4	73.77097	0.00421 6	0.000209	31.7292 8	0.00413 2
blauwe bessen	2901-2	147.7995	26.335 64	2.4531 46	5.1009 46	#VALUE!	0.17722	82.38963	0.00483 6	0	39.7380 6	0.02138 1
blauwe bessen	2901-3	118.4583	21.308 72	2.4536 23	4.2014 35	#VALUE!	0.17083 1	70.35062	0.00681 9	0	30.5383 4	0.01283 5
druiven	2894-1	37.75798	13.797 86	0.4768 07	13.430 14	0.016764	0.37317 4	1.585265	0.09994 4	0.000134	16.5018 6	0.79872 3
druiven	2894-2	35.97381	13.188 23	1.5945 44	13.684 84	0.017904	0.84928 3	0.616142	0.22095 1	0	16.4153 4	0.58088 1
druiven	2894-3	34.67729	13.501 95	0.5775 25	14.004 49	0.010293	0.43324 9	0.3555	0.10245	0	17.7644 2	0.66768 2
framboos	2898-1	0.32368	28.150 33	0.3106	0.0517 56	0.005715	7.34586 6	0.151101	0.03912 1	0.000224	1.93721 2	0.0129
framboos	2898-2	0.248459	31.555 78	0.2075 39	0.0534 1	0.004348	5.62957 1	0.127531	0.02140 5	0.000158	1.87761 3	0.00280 5
framboos	2898-3	0.225853	30.906 82	0.1655 36	0.0548 54	0.004717	4.60492 6	0.121127	0.01625 6	7.61E-05	1.45698 5	0.01271
bloemkool	2900-1	0.096023	0.4998 71	0.0100 51	0.0030 95	#VALUE!	0.01728 8	0.10829	#VALUE! !	0.347189	0.01751 6	0.00613 4
bloemkool	2900-2	0.108327	0.2352 83	0.0077 57	0.0033 69	#VALUE!	0.00788	0.106168	#VALUE! !	0.382364	0.01152 2	0.00611 7
bloemkool	2900-3	0.074634	0.1625 74	0.0054 73	0.0028 71	#VALUE!	0.00661	0.098846	#VALUE! !	0.379373	0.00914 9	0.00318 8
spruiten	2893-1	#VALUE!	0.1528 23	0.0034	0.0016 23	#VALUE!	0.00701	3.424832	0.00531 9	0.005231	0.00883 8	0.01451 9
spruiten	2893-2	0.00964	0.1283 22	0.0055 53	0.0017 03	#VALUE!	0.0022	3.079798	0.00302 7	0.005475	0.00756 2	0.00995 2

spruiten	2893-3	0	0.104122	0.004207	0.001222	#VALUE!	0.003731	3.808507	0.010954	0.007364	0.009717	0.008159
tomaat	2896-1	0.05609	0.104793	0.006932	0.001382	#VALUE!	0.002475	11.35355	0.009944	6.61E-05	0.583577	0.023997
tomaat	2896-2	0.010613	0.03123	0.005268	0.000821	#VALUE!	#VALUE!	13.07515	0	0.000114	0.580531	0.024688
tomaat	2896-3	0.007211	0.030007	0.007978	0.000656	#VALUE!	0.003084	13.00476	0	7.34E-05	0.767166	0.022411
broccoli	2897-1	#VALUE!	0.022137	0.002948	0.000477	#VALUE!	0.002121	2.353087	#VALUE!	0.085389	0.06682	0.007609
broccoli	2897-2	#VALUE!	0.045901	0.002097	0.000506	#VALUE!	0.001232	2.066943	0.001721	0.0797	0.032161	0.006784
broccoli	2897-3	#VALUE!	0.047726	0.001626	0.000449	#VALUE!	0.00148	1.722623	#VALUE!	0.073134	0.043682	0.007618
wortel	2903-1	0.00428	0.021466	0.001609	0.000268	#VALUE!	0.002447	31.67324	0	0.000172	0.00259	0.005364
wortel	2903-2	0.005466	0.02242	0.002856	0.000229	#VALUE!	0.001322	33.3936	0	0.000199	0.001728	0.018815
wortel	2903-3	0.004684	0.019664	0.002978	0.000318	#VALUE!	0.001167	30.30897	0	0.000241	0.001806	0.003563
paprika	2902-1	0.005938	0.065973	0.002235	0.00042	#VALUE!	0.011374	0.994171	0.002994	0.000318	0.135384	0.326104
paprika	2902-2	0.006848	0.068685	0.005048	0.000415	#VALUE!	0.013461	0.436657	0.00268	0.000514	0.144785	0.340414
paprika	2902-3	0.005961	0.06661	0.003117	0.00045	#VALUE!	0.013187	0.203186	0	0.000669	0.142342	0.304559
ECP naturel 1	3126-1	0.014627	0.119331	0.17741	0.002142	#VALUE!	0.037003	10.050	#VALUE!	0.005748	0.009991	0.104291
ECP naturel 1	3126-2	#VALUE!	0.136538	0.186692	0.001805	#VALUE!	0.034314	10.361	#VALUE!	0.002932	0.011861	0.120861
ECP naturel 1	3126-3	0.035875	0.160784	0.161513	0.001508	#VALUE!	0.031048	9.416	#VALUE!	0.002807	0.00787	0.12204
ECP VFMX 100 - 400 06-07-22 1	3128-1	7.346422	69.12734	2.486538	2.05853	9.112052	6.779136	28.737	2.326137	3.0115	14.68286	0.232194
ECP VFMX 100 - 400 06-07-22 2	3128-2	7.342972	69.35131	2.269881	1.993943	9.689073	6.149262	29.595	2.450683	2.865128	14.66676	0.132163
ECP VFMX 100 - 400 06-07-22 3	3128-3	7.934349	80.11364	2.740699	2.419714	10.58852	8.485271	30.636	2.668667	3.220981	16.05532	0.268645
Mifood blends 2019 1	2905-1	0.014772	0.128516	0.725845	0.004535	0.035103	3.090928	14.85357	0.01325	0.000477	3.605711	0.026008
Mifood blends 2019 1	2905-2	0.004328	0.047342	0.611758	0.002829	0.016067	2.613037	14.48907	0.007505	0.009038	3.61274	0.016596

Mifood blends 2019 1	2905-3	0.006143	0.046155	0.633391	0.005257	0.013244	2.775351	14.54317	0.008438	0.100491	3.814797	0.024508
Mifood blends 2019 2	2906-1	53.5113	107.573	11.23849	12.52929	0.040388	6.975248	12.58806	0.873125	0.001983	18.4948	0.448377
Mifood blends 2019 2	2906-2	46.82427	100.0025	10.70873	11.6231	0.056759	6.889941	12.23124	0.845299	0.002065	17.77864	0.463638
Mifood blends 2019 2	2906-3	52.0294	109.8084	11.13362	12.54659	0.059567	6.78798	12.58056	0.826842	0.003184	18.23011	0.440301
Mifood blends 2019 3	2907-1	0.315924	1.735295	0.066572	0.032591	#VALUE!	0.03342	23.46223	0.011198	5.1E-05	0.390731	0.074757
Mifood blends 2019 3	2907-2	0.107738	0.486793	0.02007	0.007542	0.005998	0.012964	24.14099	0.00687	0.003997	0.334595	0.084643
Mifood blends 2019 3	2907-3	0.068975	0.283564	0.013601	0.006443	0.003642	0.008546	24.21738	0.010646	0.010064	0.329009	0.095954
Mifood blends 2019 4	2908-1	0.065506	0.15088	0.008735	0.003892	#VALUE!	0.004993	0.828186	0.003003	1.747357	0.023629	0.011754
Mifood blends 2019 4	2908-2	0.042909	0.127713	0.005519	0.003217	#VALUE!	0.005625	0.359783	#VALUE!	1.923086	0.026489	0.026159
Mifood blends 2019 4	2908-3	0.032004	0.085564	0.006732	0.002478	#VALUE!	0.005585	0.473465	#VALUE!	2.052813	0.025013	0.039887
Mifood blends 2019 5	2909-1	25.26774	78.40439	9.215161	8.735965	2.858845	7.292129	24.60394	1.512008	0.00037	15.32951	0.276226
Mifood blends 2019 5	2909-2	23.07466	73.9193	9.811287	8.065417	2.722722	7.780573	23.49195	1.418413	0.000547	13.83596	0.215559
Mifood blends 2019 5	2909-3	22.46387	75.86414	9.353112	8.539997	2.737505	6.427243	21.09856	1.410649	0.000236	14.6384	0.268385
Mifood blends 2019 6	2910-1	5.302479	49.89468	10.71177	4.813484	13.46077	8.264056	32.19544	2.571836	9.72E-05	6.971702	0.28516
Mifood blends 2019 6	2910-2	5.238626	48.2297	10.55184	4.858512	14.10791	8.515671	33.00674	2.645304	0.000225	7.240198	0.289877
Mifood blends 2019 6	2910-3	5.153229	47.12283	10.66315	4.692166	13.5828	8.622869	32.80399	2.700363	0.000155	7.065725	0.26755
Mifood blends 2019 7	2911-1	1.634026	18.75415	3.353101	1.998876	3.598547	1.922971	6.93281	0.754145	5.226247	3.288244	0.135418
Mifood blends 2019 7	2911-2	1.69897	19.09186	3.055355	2.086684	3.572007	1.743332	6.955683	0.654453	5.532709	3.293329	0.12645
Mifood blends 2019 7	2911-3	1.509714	17.48071	2.708462	1.891977	3.297314	1.542005	6.806828	0.62001	5.016554	3.235585	0.120632
thee	2904-1	0.068659	0.557801	23.25638	0.008065	366.8658	58.07141	5.731364	84.16012	0.005114	18.37257	0.014045
thee	2904-2	0.043554	0.273924	22.48881	0.004299	358.1672	57.36741	5.891049	83.74353	0.001218	18.17909	0.023075

thee	2904-3	0.037359	0.221915	23.03374	0.003771	366.4723	57.38584	5.826125	85.54436	0.020221	18.57579	0.021502
t 1 month												
		[mg/kg]										
Naam	BL-nummer	Delphinidin-3-glucoside	Cyanidin-3-glucoside	Catechin	Peonidin-3-glucoside	Epigallocatechin-3-gallate	Epicatechin	Chlorogenic acid	Epicatechin gallate	Sulforaphane	Quercetin-3-glucoside	Resveratrol
Pas-v 1	BL-2951-1	6.510	56.277	0.698	2.565	2.356	2.603	7.641	1.721	2.497	6.818	0.048
Pas-v 1	BL-2951-2	4.361	40.741	0.534	1.978	2.064	2.156	6.472	1.368	2.017	5.231	0.020
Pas-v 1	BL-2951-3	5.611	51.056	0.661	2.407	2.227	2.544	7.139	1.640	2.316	6.495	0.039
o-v 1	BL-2943-1	6.295	51.197	0.974	2.126	3.001	4.285	12.304	1.642	2.327	6.248	0.071
o-v 1	BL-2943-2	6.282	52.596	1.025	2.531	3.217	4.846	13.199	1.878	2.397	6.253	0.043
o-v 1	BL-2943-3	5.581	42.833	0.912	2.270	2.869	4.181	12.322	1.609	2.344	5.958	0.051
Pst-v 1	BL-2939-1	3.435	33.214	1.336	1.478	3.265	7.943	17.177	1.578	1.634	4.735	0.048
Pst-v 1	BL-2939-2	4.095	35.152	1.440	1.695	3.514	8.755	18.219	1.588	1.771	5.076	0.055
Pst-v 1	BL-2939-3	3.750	34.283	1.347	1.530	3.226	7.743	17.287	1.486	1.545	4.867	0.061
ECP VFMX 100 - 400 06-07-22 3	BL-3130-1	2.985	47.367	1.988	2.010	5.001	7.858	42.866	2.821	2.279	16.015	*
ECP VFMX 100 - 400 06-07-22 3	BL-3130-2	3.283	47.626	1.864	1.880	4.888	6.672	38.011	2.785	1.944	14.704	*
ECP VFMX 100 - 400 06-07-22 3	BL-3130-3	2.741	42.847	1.699	1.781	4.132	6.040	34.023	2.224	1.955	13.535	*
t 6 month												
Naam	BL-nummer	Delphinidin-3-glucoside	Cyanidin-3-glucoside	Catechin	Peonidin-3-glucoside	Epigallocatechin-3-gallate	Epicatechin	Chlorogenic acid	Epicatechin gallate	Sulforaphane	Quercetin-3-glucoside	Resveratrol
Pst-v-3	BL-2022-2941-1	1.99	13.67	0.83	0.66	3.72	3.64	15.96	1.14	0.80	4.73	0.04
Pst-v-3	BL-2022-2941-2	2.03	15.72	0.86	0.67	3.91	3.70	16.42	1.16	0.83	5.28	0.05
Pst-v-3	BL-2022-2941-3	2.15	16.44	0.89	0.63	3.79	3.55	15.84	1.19	0.75	4.52	0.04
O-v-3	BL-2022-2945-1	1.48	17.99	0.35	0.78	1.54	1.10	5.10	0.79	0.92	4.63	0.02

O-v-3	BL-2022-2945-2	1.56	19.55	0.40	0.89	1.52	1.15	5.44	0.83	1.04	4.74	0.02
O-v-3	BL-2022-2945-3	1.51	18.41	0.32	0.77	1.37	0.93	4.55	0.81	0.94	5.07	0.03
Pas-v-3	BL-2022-2953-1	1.27	17.78	0.29	0.80	1.03	0.87	2.62	0.74	0.97	5.04	0.01
Pas-v-3	BL-2022-2953-2	0.89	14.38	0.27	0.64	0.81	0.79	2.14	0.59	0.88	4.51	0.02
Pas-v-3	BL-2022-2953-3	1.19	17.52	0.33	0.78	1.10	0.94	2.71	0.76	0.96	5.48	0.00
ECP- VFMX 06-07-22 2	BL-2022-3129-1	1.80	6.79	0.63	0.26	4.07	1.52	28.53	1.43	0.59	12.55	0.08
ECP- VFMX 06-07-22 2	BL-2022-3129-2	1.34	6.10	0.65	0.27	4.01	1.73	27.98	1.47	0.60	12.06	0.06
ECP- VFMX 06-07-22 2	BL-2022-3129-3	1.31	5.60	0.57	0.23	3.77	1.41	24.38	1.26	0.54	11.85	0.12

[illegible]

[illegible]

[illegible]

[illegible]

Pas-v-3	BL-2022-2953-1	17.71378	11.42049	8.984161	11.92709	15.35746	8.694471	12.26907	13.17322	4.976667	9.709338	85.06079
Pas-v-3	BL-2022-2953-2											
Pas-v-3	BL-2022-2953-3											
ECP- VFMX 06-07-22 2	BL-2022-3129-1	18.71941	9.773372	6.470998	8.65833	4.068466	10.46936	8.365133	8.078934	5.855386	2.969671	36.61015
ECP- VFMX 06-07-22 2	BL-2022-3129-2											
ECP- VFMX 06-07-22 2	BL-2022-3129-3											

B: Vitamin C Measurements and RSD

Naam	BL-nummer	Concentration [mg/kg]	average	RSD
ECP VFMX 100 - 400 06-07-22 1	BL-2022-3128-1	#VALUE!	#VALUE!	#VALUE!
ECP VFMX 100 - 400 06-07-22 1	BL-2022-3128-2	#VALUE!		
Tomaat	BL-2022-4493-1	288.9834351	291.3527905	1.1500746
Tomaat	BL-2022-4493-2	293.7221458		
Bloemkool	BL-2022-4494-1	219.0262187	204.1178323	10.329153
Bloemkool	BL-2022-4494-2	189.2094459		
Blauwe bes	BL-2022-4495-1	16.63693443	17.16372211	4.3404937
Blauwe bes	BL-2022-4495-2	17.69050978		
Framboos	BL-2022-4496-1	198.5954354	197.785225	0.5793205
Framboos	BL-2022-4496-2	196.9750147		
Rode paprika	BL-2022-4497-1	1092.284726	1090.313592	0.2556699
Rode paprika	BL-2022-4497-2	1088.342459		
Appel	BL-2022-4498-1	40.41510956	41.30216555	3.0373386
Appel	BL-2022-4498-2	42.18922154		
Wortel	BL-2022-4499-1	23.31873454	21.48664722	12.058478
Wortel	BL-2022-4499-2	19.65455991		

Broccoli	BL-2022-4500-1	529.7972714	500.6651109	8.2288731
Broccoli	BL-2022-4500-2	471.5329504		
Braam	BL-2022-4501-1	42.76776835	43.33491508	1.8508554
Braam	BL-2022-4501-2	43.90206181		
Thee	BL-2022-4502-1	#VALUE!	#VALUE!	#VALUE!
Thee	BL-2022-4502-2	#VALUE!		
Blauwe druif	BL-2022-4503-1	19.92029851	19.62691797	2.1139475
Blauwe druif	BL-2022-4503-2	19.33353744		
Spruit	BL-2022-4504-1	569.4562978	551.1714081	4.6915966
Spruit	BL-2022-4504-2	532.8865183		
Pasc-k	BL-2022-4573-1	84.10812907	83.918188	0.3200942
Pasc-k	BL-2022-4573-2	83.72824692		
Pasc-v	BL-2022-4574-1	129.8132394	129.9350831	0.1326147
Pasc-v	BL-2022-4574-2	130.0569268		
O-k	BL-2022-4575-1	79.35471265	84.2063742	8.1481784
O-k	BL-2022-4575-2	89.05803574		
O-v	BL-2022-4576-1	143.4880627	143.3728058	0.1136881
O-v	BL-2022-4576-2	143.2575489		
Pasteur-k	BL-2022-4577-1	51.06788074	51.34569727	0.7651895
Pasteur-k	BL-2022-4577-2	51.6235138		
Pasteur-v	BL-2022-4578-1	70.47004468	66.30334285	8.8873441
Pasteur-v	BL-2022-4578-2	62.13664101		
t1 month				
Naam	BL-nummer	L- ascorbic acid	average	RSD
ECP VFMX 100 - 400 06-07-22 1	BL-2022-3128-1		#DIV/0!	#DIV/0!
ECP VFMX 100 - 400 06-07-22 1	BL-2022-3128-2			
Pas-v	BL-2022-2951-1	70.537	72.595	4.009
Pas-v	BL-2022-2951-2	74.653		
O-v	BL-2022-2943-1		#DIV/0!	#DIV/0!
O-v	BL-2022-2943-2			

Pst-v	BL-2022-2939-1	0	0.000	#DIV/0!
Pst-v	BL-2022-2939-2	0		
t6 month				
		[mg/kg]		
Naam	BL-nummer	L- ascorbic acid	average	RSD
Pst-v-3	BL-2022-2941-1	18.3	18.3	1.6475254
Pst-v-3	BL-2022-2941-2	18.1		
Pst-v-3	BL-2022-2941-3	18.7		
O-v-3	BL-2022-2945-1	56.5	56.7	0.3581227
O-v-3	BL-2022-2945-2	56.9		
O-v-3	BL-2022-2945-3	56.6		
Pas-v-3	BL-2022-2953-1	44.8	45.0	0.5177849
Pas-v-3	BL-2022-2953-2	45.2		
Pas-v-3	BL-2022-2953-3	45.1		
ECP- VFMX 06-07-22 2	BL-2022-3129-1	-	#DIV/0!	#DIV/0!
ECP- VFMX 06-07-22 2	BL-2022-3129-2	-		
ECP- VFMX 06-07-22 2	BL-2022-3129-3	-		
t1 month		[mg/kg]		
Naam	BL-nummer	L- ascorbic acid	average	RSD
Bloemkool	BL-2022-2900-1	274.084	256.0	6.1283688
Bloemkool	BL-2022-2900-2	247.787		
Bloemkool	BL-2022-2900-3	246.112		
Spruiten	BL-2022-2893-1	528.934	493.3	10.335725
Spruiten	BL-2022-2893-2	516.100		
Spruiten	BL-2022-2893-3	434.906		
Tomaat	BL-2022-2896-1	125.285	160.8	23.16411
Tomaat	BL-2022-2896-2	157.441		
Tomaat	BL-2022-2896-3	199.539		
Wortel	BL-2022-2903-1	18.041	17.3	10.188985

Wortel	BL-2022-2903-2	15.333		
Wortel	BL-2022-2903-3	18.654		
Paprika	BL-2022-2902-1	804.446	874.2	14.773864
Paprika	BL-2022-2902-2	794.981		
Paprika	BL-2022-2902-3	1023.272		
ECP naturel 1	BL-2022-3126-1	*	#DIV/0!	#DIV/0!
ECP naturel 1	BL-2022-3126-2	*		
ECP naturel 1	BL-2022-3126-3	*		
Thee	BL-2022-2904-1	*	#DIV/0!	#DIV/0!
Thee	BL-2022-2904-2	*		
Thee	BL-2022-2904-3	*		
Mifood blends 2019 1	BL-2022-2905-1	1.045	0.9	17.533965
Mifood blends 2019 1	BL-2022-2905-2	0.743		
Mifood blends 2019 1	BL-2022-2905-3	0.843		
Mifood blends 2019 2	BL-2022-2906-1	0.793	0.8	9.1977885
Mifood blends 2019 2	BL-2022-2906-2	0.805		
Mifood blends 2019 2	BL-2022-2906-3	0.933		
Mifood blends 2019 3	BL-2022-2907-1	88.585	89.1	0.8112303
Mifood blends 2019 3	BL-2022-2907-2	89.909		
Mifood blends 2019 3	BL-2022-2907-3	88.745		
Mifood blends 2019 4	BL-2022-2908-1	*	#DIV/0!	#DIV/0!
Mifood blends 2019 4	BL-2022-2908-2	*		
Mifood blends 2019 4	BL-2022-2908-3	*		
Mifood blends 2019 5	BL-2022-2909-1	0.923	0.8	16.592852
Mifood blends 2019 5	BL-2022-2909-2	0.796		
Mifood blends 2019 5	BL-2022-2909-3	0.660		
Mifood blends 2019 6	BL-2022-2910-1	1.807	1.8	1.9149749
Mifood blends 2019 6	BL-2022-2910-2	1.746		
Mifood blends 2019 6	BL-2022-2910-3	1.804		
Mifood blends 2019 7	BL-2022-2911-1	1.549	1.5	3.285027
Mifood blends 2019 7	BL-2022-2911-2	1.456		
Mifood blends 2019 7	BL-2022-2911-3	1.532		
Druiven	BL-2894-1	36.66259969	36.98064732	1.2162774

Druiven	BL-2894-2	37.29869495		
Broccoli	BL-2897-1	480.4270554	500.0405846	5.5470936
Broccoli	BL-2897-2	519.6541138		
Pas v.1	BL-2951-1	70.53674767	72.5946643	4.0090186
Pas v.1	BL-2951-2	74.65258092		
ECP VFMX 100 - 400 06-07-22 3	BL-3130-1	#VALUE!	#VALUE!	#VALUE!
ECP VFMX 100 - 400 06-07-22 3	BL-3130-2	#VALUE!		
Pst-v 1	BL-2022-2939-1	13.790	13.2	6.2105877
Pst-v 1	BL-2022-2939-2	12.260		
Pst-v 1	BL-2022-2939-3	13.532		
o-v 1	BL-2022-2943-1	79.433	81.2	2.0888705
o-v 1	BL-2022-2943-2	82.822		
o-v 1	BL-2022-2943-3	81.207		
bramen	BL-2022-2899-1	69.459	71.9	3.2321822
bramen	BL-2022-2899-2	72.025		
bramen	BL-2022-2899-3	74.095		
appel	BL-2022-2895-1	57.479	68.8	21.521363
appel	BL-2022-2895-2	63.323		
appel	BL-2022-2895-3	85.535		
blauwe bessen	BL-2022-2901-1	2.305	2.2	7.5058846
blauwe bessen	BL-2022-2901-2	2.251		
blauwe bessen	BL-2022-2901-3	1.998		
framboos	BL-2022-2898-1	223.378	216.7	3.0661074
framboos	BL-2022-2898-2	210.095		
framboos	BL-2022-2898-3	216.496		
t6 month				
		[mg/kg]		
Naam	BL-nummer	L- ascorbic acid	average	RSD
Pst-v-3	BL-2022-2941-1	18.3	18.3	1.6475254
Pst-v-3	BL-2022-2941-2	18.1		
Pst-v-3	BL-2022-2941-3	18.7		

ECP naturel 1	3126-2	#VALUE!	#VALUE!	#VALUE!	#VALUE!				
ECP naturel 1	3126-3	#VALUE!	#VALUE!	#VALUE!	#VALUE!				
ECP VFMX 100 - 400 06-07-22 1	3128-1	#VALUE!	#VALUE!	2.755734	7.387646	#VALUE!	#VALUE!	64.51332	32.84797
ECP VFMX 100 - 400 06-07-22 1	3128-2	#VALUE!	#VALUE!	2.666077	10.58685				
ECP VFMX 100 - 400 06-07-22 1	3128-3	#VALUE!	#VALUE!	7.537034	14.48423				
ECP VFMX 100 - 400 06-07-22 3	3130-1	#VALUE!	#VALUE!	4.446816	9.163343	#VALUE!	#VALUE!	25.36575	27.41574
ECP VFMX 100 - 400 06-07-22 3	3130-2	#VALUE!	#VALUE!	6.863538	15.6249				
ECP VFMX 100 - 400 06-07-22 3	3130-3	#VALUE!	#VALUE!	4.623333	11.27053				
Mifood blends 2019 3	2907-1	2.155622	2.788301	4.918638	18.06062	30.93103062	1.590067	5.099228	4.415448
Mifood blends 2019 3	2907-2	1.489381	2.810323	5.437172	19.42012				
Mifood blends 2019 3	2907-3	1.182058	2.725314	5.1038	19.5953				
Mifood blends 2019 4	2908-1	3.336246	#VALUE!	#VALUE!	1.076262	14.56208814	#VALUE!	#VALUE!	6.295846
Mifood blends 2019 4	2908-2	4.344064	#VALUE!	#VALUE!	1.134233				
Mifood blends 2019 4	2908-3	3.492812	#VALUE!	#VALUE!	1.219365				
Mifood blends 2019 6	2910-1	#VALUE!	3.1172	3.939569	14.21162	#VALUE!	37.87004	33.67521	32.77237
Mifood blends 2019 6	2910-2	#VALUE!	1.382088	2.007562	7.296697				
Mifood blends 2019 6	2910-3	#VALUE!	2.41466	2.741215	10.25236				
Mifood blends 2019 7	2911-1	2.770812	1.701984	2.341087	8.58202	9.519257269	9.620009	17.80019	4.791667
Mifood blends 2019 7	2911-2	2.459719	1.537788	1.647685	7.82433				
Mifood blends 2019 7	2911-3	2.977057	1.404661	2.205713	8.039489				
Bloemkool	2900-1	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!
Bloemkool	2900-2	#VALUE!	#VALUE!	#VALUE!	#VALUE!				
Bloemkool	2900-3	#VALUE!	#VALUE!	#VALUE!	#VALUE!				
Spruiten	2893-1	5.868934	#VALUE!	#VALUE!	#VALUE!	18.36154089	#VALUE!	#VALUE!	#VALUE!
Spruiten	2893-2	7.928773	#VALUE!	#VALUE!	#VALUE!				
Spruiten	2893-3	5.828127	#VALUE!	#VALUE!	#VALUE!				
Tomaat	2896-1	2.426727	5.421946	#VALUE!	2.747887	5.051908915	11.3831	#VALUE!	4.135777
Tomaat	2896-2	2.466131	6.415905	#VALUE!	2.660093				
Tomaat	2896-3	2.664189	6.789367	#VALUE!	2.530356				
Broccoli	2897-1	13.69486	#VALUE!	#VALUE!	0.538146	28.40847997	#VALUE!	#VALUE!	28.21353
Broccoli	2897-2	11.48693	#VALUE!	#VALUE!	0.82624				

Broccoli	2897-3	7.570767	#VALUE!	#VALUE!	0.968911				
Wortel	2903-1	3.704258	#VALUE!	15.08299	31.8984	36.86466356	#VALUE!	39.33471	39.64366
Wortel	2903-2	2.308961	#VALUE!	6.493668	13.55699				
Wortel	2903-3	5.020194	#VALUE!	13.85874	28.72506				
Paprika	2902-1	3.190667	#VALUE!	#VALUE!	1.608821	14.63246495	#VALUE!	#VALUE!	15.10596
Paprika	2902-2	3.555231	#VALUE!	#VALUE!	1.54606				
Paprika	2902-3	4.246254	#VALUE!	#VALUE!	1.201417				
T= 1 maand									
	rc	mg/kg				RSD (%)			
Naam	BL-nummer	luteine	lyco	a-car	B-car	luteine	lyco	a-car	B-car
Pas-v 1	BL-2951-1	1.379509	2.007839	3.856197	13.37199	29.56846106	4.798909	6.765621	3.85979
Pas-v 1	BL-2951-2	2.04688	1.872342	3.588988	12.90814				
Pas-v 1	BL-2951-3	1.179964	1.833817	3.369193	12.37798				
o-v 1	BL-2943-1	1.402949	2.148094	4.057681	14.03312	31.88205483	13.04105	9.688155	6.626883
o-v 1	BL-2943-2	1.887068	2.304978	3.987949	14.67306				
o-v 1	BL-2943-3	2.656016	1.777524	3.386236	12.86235				
Pst-v 1	BL-2939-1	2.128907	2.082273	4.899648	17.83091	25.51151399	12.00246	4.232806	2.623595
Pst-v 1	BL-2939-2	2.162081	2.582435	5.332616	18.78525				
Pst-v 1	BL-2939-3	3.256849	2.587128	5.138612	18.41677				
ECP VFMX 100 - 400 06-07-22 3	BL-3130-1	#VALUE!	#VALUE!	4.443354	13.13518	#VALUE!	#VALUE!	6.043872	1.516627
ECP VFMX 100 - 400 06-07-22 3	BL-3130-2	#VALUE!	#VALUE!	4.846106	13.12778				
ECP VFMX 100 - 400 06-07-22 3	BL-3130-3	#VALUE!	#VALUE!	4.322328	12.78959				
t 6 month		c. (mg/kg)				rsd %			
Naam	BL-nummer	B-car	a-car	lycopen e	lutein	B-car	a-car	lycopen e	lutein
Pst-v-3	BL-2022-2941-1	15.17	5.14	5.25	3.19	3.615431989	2.526566	5.315825	2.130267
Pst-v-3	BL-2022-2941-2	15.13	4.90	5.49	3.29				
Pst-v-3	BL-2022-2941-3	14.22	4.95	4.93	3.16				
O-v-3	BL-2022-2945-1	12.38	4.56	4.26	2.94	3.757179639	3.224336	4.968803	2.032296
O-v-3	BL-2022-2945-2	11.58	4.71	3.89	3.06				

O-v-3	BL-2022-2945-3	11.63	4.42	3.95	3.02				
Pas-v-3	BL-2022-2953-1	10.86	4.31	3.69	2.78	9.260186575	7.85611	11.20139	1.680676
Pas-v-3	BL-2022-2953-2	9.14	3.70	2.96	2.85				
Pas-v-3	BL-2022-2953-3	9.48	3.88	3.25	2.76				
ECP- VFMX 06-07-22 2	BL-2022-3129-1	5.52	2.14	#VALUE!	#VALUE!	50.85831363	46.10885	#VALUE!	#VALUE!
ECP- VFMX 06-07-22 2	BL-2022-3129-2	2.50	0.92	#VALUE!	#VALUE!				
ECP- VFMX 06-07-22 2	BL-2022-3129-3	2.42	1.15	#VALUE!	#VALUE!				