

Table S1 – Fatty acid composition (g/100 g RPO-U) of the untreated red palm oils (RPO-U) and relative fractions obtained by NaOH deacidification (deacidified oil (RPO-D) and free fatty acids (RPO-FFA)). Mean of three replicates.

Oil samples	1			2			3			4		
	RPO-U	RPO-D	RPO-FFA	RPO-U	RPO-D	RPO-FFA	RPO-U	RPO-D	RPO-FFA	RPO-U	RPO-D	RPO-FFA
Fatty acids (g/100 g RPO-U)												
C12:0	0.04	0.04	0.01	0.04	0.03	0.00	0.29	0.33	0.01	0.22	0.20	0.01
C14:0	0.89	0.79	0.10	0.60	0.60	0.05	0.85	0.85	0.07	1.11	0.97	0.11
C16:0	42.74	37.48	5.73	39.69	37.48	3.47	41.89	39.14	3.20	45.31	39.61	4.87
C16:1	0.20	0.19	0.03	0.19	0.19	0.02	0.17	0.15	0.03	0.12	0.14	0.02
C18:0	4.74	4.11	0.64	4.67	4.29	0.35	4.87	4.42	0.34	5.36	4.66	0.60
C18:1	40.74	34.95	5.24	44.46	40.44	3.18	42.39	38.55	3.04	36.34	31.75	5.37
C18:2	9.80	8.50	1.22	9.46	8.29	0.70	8.70	8.30	0.68	10.63	9.26	1.55
C18:3	0.29	0.24	0.04	0.28	0.24	0.03	0.25	0.22	0.03	0.32	0.23	0.05
C20:0	0.36	0.31	0.05	0.37	0.32	0.02	0.37	0.32	0.02	0.40	0.32	0.04
C20:1	0.12	0.11	0.02	0.15	0.16	0.01	0.13	0.13	0.01	0.11	0.09	0.01
C22:0	0.07	0.06	0.04	0.08	0.06	0.03	0.09	0.07	0.03	0.08	0.06	0.03
C24:0	0.07	0.04	0.06	0.07	0.08	0.01	0.06	0.06	0.02	0.05	0.03	0.02
Saturated	48.8	42.8	6.6	45.5	42.8	3.9	48.4	45.1	3.7	52.5	45.8	5.7
Monounsaturated	41.1	35.3	5.3	44.8	40.8	3.2	42.7	38.8	3.1	36.6	32.0	5.4
Polyunsaturated	10.1	8.7	1.3	9.7	8.5	0.7	8.9	8.5	0.7	11.0	9.5	1.6
C16:0/C18:1	1.0	1.1	1.1	0.9	0.9	1.1	1.0	1.0	1.1	1.2	1.2	0.9
C16:0/C18:2	4.4	4.4	4.7	4.2	4.5	4.9	4.8	4.7	4.7	4.3	4.3	3.1
Saturated/Unsaturated	1.0	1.0	1.0	0.8	0.9	1.0	0.9	1.0	1.0	1.1	1.1	0.8