

Refining of Buriti Oil (*Mauritia flexuosa*) Originated from the Brazilian Cerrado: Physicochemical, Thermal-Oxidative and Nutritional Implications

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The fatty acid palmitoleic (C16:1) was in the percentage of 19.6 on crude oil of buriti and percentage of 19.4 in refined oil from buriti.

Table 3. Fatty acids present in crude and refined buriti oils

Fatty acids	Samples	
	Crude buriti oil	Refined buriti oil
Miristic acid - C 14:0	0.5 ^a	0.5 ^a
Margaric acid - C 17:0	0.3 ^a	0.2 ^a
Stearic acid - C18:0	2.3 ^a	3.9 ^b
Total saturated fatty acids - SFA / %	3.1 ^b	4.6 ^a
Palmitoleic acid - C16:1	19.6 ^a	19.4 ^a
Oleic acid - C18:1	72.7 ^a	72.2 ^b
Total monounsaturated fatty acids - MUFA / %	92.3 ^a	91.6 ^a
Linoleic acid - C 18:2	2.6 ^a	2.3 ^b
Linolenic acid - C 18:3	2.0 ^a	1.5 ^b
Total polyunsaturated fatty acids - PUFA / %	4.6 ^a	3.8 ^a

Different letters on same row represent significant difference at 5% level by *t*-Student test. The values are expressed in percentage (%).

Will change to:

The fatty acid palmitic acid (C16:0) is in the percentage of 19.6 on crude oil of buriti and percentage of 19.4 in refined oil from buriti.

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