

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Elaeis guineensis*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	1-ETHYL-3,5-DIMETHOXY-4-HYDROXYBENZENE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	1-METHYL-3,5-DIMETHOXY-4-HYDROXYBENZENE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
2	2,6-DIMETHOXYPHENOL	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
32	ALPHA-TOCOPHEROL	Fruit	75	125	0.8024229217828517	Abstract (See species file)
1	ALPHA-TOCOTRIENOL	Fruit	100	165		Abstract (See species file)
112	ASCORBIC-ACID	Fruit	120	163	-0.2743541556588106	
0	ASH	Fruit	9000	17000	-1.027106850709606	
53	BETA-CAROTENE	Fruit	365	575	0.9606640109650738	
0	BETA-TOCOTRIENOL	Fruit	45	75		Abstract (See species file)
28	CALCIUM	Fruit	820	1360	-0.57604398319082	
0	CARBOHYDRATES	Fruit	105000	364000	-2.2399755967408566	
0	FAT	Fruit	460000	819000	5.614204032482936	
15	FIBER	Fruit	27000	43000	-0.9311577665884301	
1	GAMMA-TOCOTRIENOL	Fruit	220	360		Abstract (See species file)
18	GUAIACOL	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
6	IRON	Fruit	40	61	-0.2855176234785812	

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0	KILOCALORIES	Fruit	5370	7460	5.770705242650695	
1	LIGNOCERIC-ACID	Fruit	460	820	-1	
27	LINOLEIC-ACID	Fruit	9200	92550	0.9503402327874722	
6	MYRISTIC-ACID	Fruit	2300	48320	2.010390575387357	
39	NIACIN	Fruit	13	19	-0.5574314089774005	
0	NOL	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
6	O-CRESOL	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
18	OLEIC-ACID	Fruit	183080	429155	2.8268961835418978	
13	PALMITIC-ACID	Fruit	148580	384930	5.627010419778459	
2	PALMITOLEIC-ACID	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	PHOSPHORUS	Fruit	440	3100	-0.035232191176581516	
0	PROTEIN	Fruit	19000	99000	-0.14073749390104143	
15	RIBOFLAVIN	Fruit	1	1.7	-0.708741537879139	
8	STEARIC-ACID	Fruit	4600	69615	4.33750765035072	
31	THIAMIN	Fruit	2	3.5	-0.23459653672022523	
0	WATER	Fruit	262000	280000	-2.1330692222406276	