

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Bactris gasipaes*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Fruit	110	828	-0.2330064554937742	
0	ASH	Fruit	7200	32800	-0.6179603613774676	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	ASH	Seed	19000	19000	-0.8686453712805351	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
53	BETA-CAROTENE	Fruit	0.5	55	-0.04448662007800453	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
28	CALCIUM	Fruit	89	5820	0.4531472814963324	
3	CAPRIC-ACID	Seed	1875	1875	-0.4438951002063775	
5	CAPRYLIC-ACID	Seed	1565	1565	-0.5582524680752966	
0	CARBOHYDRATES	Fruit	417000	834000	0.2733559389170977	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	FAT	Fruit	28000	163400	0.6067839668267496	
0	FAT	Seed	313000	313000	0.25079158785442723	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
6	IRON	Fruit	6	45	-0.34898531116184145	
0	KILOCALORIES	Fruit	1700	3920	0.39405669818227257	
7	LAURIC-ACID	Seed	104230	104230	0.4224003369875331	
27	LINOLEIC-ACID	Fruit	400	2450	-0.32083408666010765	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.

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27	LINOLEIC-ACID	Seed	16000	16000	-0.7807440271830377	
6	MYRISTIC-ACID	Seed	89000	89000	0.8690837531334706	
39	NIACIN	Fruit	6	40	-0.27669785323448354	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
18	OLEIC-ACID	Fruit	13240	85620	0.17915685993494818	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
18	OLEIC-ACID	Seed	57000	57000	-0.510526744049141	
13	PALMITIC-ACID	Fruit	11400	71400	0.7460113894377283	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
13	PALMITIC-ACID	Seed	32550	32550	-0.027988933937179546	
2	PALMITOLEIC-ACID	Fruit	2880	19120	3.1491500087465303	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
0	PHOPHORUS	Fruit	335	1100		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	PROTEIN	Fruit	2200	52000	-0.7707929314522591	
0	PROTEIN	Seed	88000	88000	-1.2969315252087341	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
15	RIBOFLAVIN	Fruit	1	6	0.21217503041366062	
5	STARCH	Seed	208000	208000	-0.4136910415845079	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
8	STEARIC-ACID	Fruit	125	650	-0.23611473454753784	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
8	STEARIC-ACID	Seed	9700	9700	-0.3549329785721526	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
31	THIAMIN	Fruit	0.3	1.4	-0.5034076491306638	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	WATER	Fruit	364000	609000	-0.7025464266384736	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
0	WATER	Seed	69000	69000	-0.6086415999726845	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.