

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Garcinia mangostana*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
112	ASCORBIC-ACID	Fruit	10	255	-0.26863387232770786	
53	BETA-CAROTENE	Fruit	--	--	-0.15080062913063783	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
13	BETULIN	Leaf	250	250	-0.3734602660953271	Jim Duke's personal files.
28	CALCIUM	Fruit	100	637	-0.7428837330492978	
1	CATECHINS	Fruit	50000	60000	1	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	CATECHINS	Petiole	700000	140000		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
23	CITRIC-ACID	Fruit	4200	27815	-0.19634531701139735	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
15	FIBER	Fruit	50000	318000	1.6638744250833306	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
1	HEXYL-ACETATE	Fruit	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
6	IRON	Fruit	2	46	-0.34501858068163765	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
1	MACLURIN	Wood	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
4	MANGOSTIN	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	MANGOSTIN	Latex Exudate	300000	500000		Chemical Constituents of Oriental Herbs (3 diff. books)

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
39	NIACIN	Fruit	6	38	-0.3034343823528566	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
24	PECTIN	Fruit	1000	5000	-0.5708847475914279	
4	PHOSPHORUS	Fruit	100	685	-0.7687637801443605	
14	POTASSIUM	Fruit	1350	8560	-0.8278041054214734	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Fruit	0.2	1.3	-0.7944081953947483	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	SODIUM	Fruit	10	64	-0.1778817383339391	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
31	THIAMIN	Fruit	0.3	1.9	-0.43940500331865456	