

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Annona muricata*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	ACETALDEHYDE	Plant	--	--		
5	ALUMINUM	Fruit	5	5	-0.2220668016128611	
1	AMYL-CAPROATE	Plant	--	--		
0	AMYLOID	Plant	--	--		
0	ANNONAIN	Plant	--	--		
0	ANOMURICINE	Plant	--	--		
0	ANOMURICININE	Plant	--	--		
0	ANOMURINE	Plant	--	--		
0	ANONOL	Plant	--	--		
112	ASCORBIC-ACID	Fruit	190	1540	-0.18873643667045714	
0	ASH	Fruit	5000	38000	-0.4833045547618272	
0	ATHEROSPERMININE	Plant	--	--		
53	BETA-CAROTENE	Fruit	--	0.6	-0.1496408399409727	
47	BETA-SITOSTEROL	Plant	--	--		
4	BORON	Fruit	3	3	-0.7435041606401308	
102	CAFFEIC-ACID	Plant	--	--		
28	CALCIUM	Fruit	140	2600	-0.2899011203630018	
2	CAMPESTEROL	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CARBOHYDRATES	Fruit	149000	89400	-3.7084029152337807	
0	CELLOBIOSE	Plant	--	--		
1	CHOLESTEROL	Plant	--	--		
23	CITRIC-ACID	Plant	--	--		
5	CITRULLINE	Plant	--	--		
6	COCLAURINE	Plant	--	--		
12	COPPER	Fruit	1.6	1.6	-0.8731649148755015	
2	COREXIMINE	Plant	--	--		
1	DEXTROSE	Plant	--	--		
24	ETHANOL	Plant	--	--		
0	FAT	Fruit	2000	24000	-0.4579420202880649	
0	FAT	Seed	221000	221000	-0.23380532047119468	
15	FIBER	Fruit	6000	65000	-0.7235551912546893	
15	FOLACIN	Plant	--	--		
8	FRUCTOSE	Plant	--	--		
22	GABA	Plant	--	--		
0	GALACTOMANNAN	Plant	--	--		
2	GERANYL-CAPROATE	Plant	--	--		
7	GLUCOSE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	HCN	Plant	--	--		
6	IRON	Fruit	5	33	-0.3965860769242866	
0	ISOCITRIC-ACID	Plant	--	--		
0	KILOCALORIES	Fruit	590	3550	-0.16790939262374893	
1	LIGNOCERIC-ACID	Plant	--	--		
4	LYSINE	Fruit	600	3180	-0.24202161617257129	
65	MAGNESIUM	Fruit	210	2400	0.12514754433475422	
15	MALIC-ACID	Plant	--	--		
14	MANGANESE	Fruit	2.7	2.7	-0.3857340421696469	
0	MERICYL-ALCOHOL	Plant	--	--		
2	METHANOL	Plant	--	--		
15	METHIONINE	Fruit	70	370	-0.7247216276209246	
0	METHYL-HEX-2-ENOATE	Plant	--	--		
0	METHYL-HEXANOATE	Plant	--	--		
0	MURICINE	Plant	--	--		
0	MURICININE	Plant	--	--		
6	MYRISTIC-ACID	Plant	--	--		
39	NIACIN	Fruit	9	77	0.21792793545541794	
0	NITROGEN	Fruit	2700	2700	-0.8359651562567131	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
25	P-COUMARIC-ACID	Plant	--	--		
11	PANTOTHENIC-ACID	Fruit	2.5	13	-0.32559401031592866	
4	PARAFFIN	Plant	--	--		
4	PHOSPHORUS	Fruit	210	3400	0.055889745341155005	
14	POTASSIUM	Fruit	2550	36000	1.5999121679643764	
0	POTASSIUM-CHLORIDE	Plant	--	--		
11	PROCYANIDIN	Plant	--	--		
0	PROTEIN	Fruit	10000	60000	-0.6635494527201369	
0	PROTEIN	Seed	214300	214300	-0.17342761721225128	
0	RESIN	Plant	--	--		
10	RETICULINE	Plant	--	--		
15	RIBOFLAVIN	Fruit	0.5	6	0.21217503041366062	
0	SCYLLITOL	Plant	--	--		
0	SFA	Seed	62000	62000	0.030755145100760717	
1	SODIUM	Fruit	65	1035	-0.0858028988424998	
8	STEARIC-ACID	Plant	--	--		
0	STEPHARINE	Plant	--	--		
12	STIGMASTEROL	Plant	--	--		
14	SUCROSE	Plant	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	SULFUR	Fruit	210	2700	0.8946352650682826	
35	TANNIN	Plant	--	--		
31	THIAMIN	Fruit	0.7	4.8	-0.06818965760900128	
29	TRYPTOPHAN	Fruit	110	585	-0.3725405156230347	
0	UFA	Seed	159000	159000	1.1686456472152524	
0	VIT-B-6	Fruit	0.6	3	-0.8751338727185397	
0	WATER	Fruit	811600	832000	0.26707844697636074	
0	XYLOSYL-CELLULOSE	Plant	--	--		
77	ZINC	Fruit	4	4	-0.7913051373688869	