

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Artocarpus heterophyllus***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
19	ACETYL-CHOLINE	Seed	--	--		
1	ARTOCARPANONE	Plant	--	--		
0	ARTOCARPESINE	Wood	--	--		
1	ARTOCARPETIN	Plant	--	--		
2	ARTOCARPIN	Plant	--	--		
0	ARTOFLAVANONE	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	ARTOFLAVANONE-2',4',5,7-TETRAHYDROXYFLAVONE	Plant	--	--		
0	ARTOSTENONE	Latex Exudate	--	--		
112	ASCORBIC-ACID	Fruit	45	435	-0.2574420136364197	
0	ASH	Fruit	10000	37355	-0.5000070538516518	
0	ASH	Seed	15000	30990	-0.5080145880089704	
53	BETA-CAROTENE	Fruit	0.2	8	-0.1353367732684366	
22	BETULINIC-ACID	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
28	CALCIUM	Fruit	200	1735	-0.4895088432227298	
28	CALCIUM	Seed	500	1033	-0.57180407210847	
0	CAOUTCHOUC	Latex Exudate	60000	100000	0.9231280046840273	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CARBOHYDRATES	Seed	384000	793400	1.0730254585388144	
0	CARBOHYDRATES	Fruit	189000	896900	0.6097145635828118	
3	CONCAVALIN-A	Seed	--	--		
12	COPPER	Fruit	1.8	7	-0.45288591601748224	
0	CYANOMACLURIN	Plant	--	--		
0	CYCLOARTOCARPESINE	Wood	--	--		
0	CYCLOARTOCARPIN	Plant	--	--		
0	DIHYDROMORIN	Fruit	--	--		
0	FAT	Fruit	1000	11200	-0.5557073906974597	
0	FAT	Seed	4000	8265	-1.3543566606087074	
15	FIBER	Fruit	10000	48245	-0.8816634253327269	
15	FIBER	Seed	15000	30990	-0.8195342702782781	
6	IRON	Fruit	5	22	-0.440220112206528	
6	IRON	Seed	12	25	-0.5844732973727707	
0	KILOCALORIES	Fruit	940	3510	-0.2286624835216972	
65	MAGNESIUM	Fruit	370	1380	-0.34717171743886577	
14	MANGANESE	Fruit	2	7	-0.3573804031034436	
15	MORIN	Plant	--	--		
39	NIACIN	Fruit	4	15	-0.6109044672141466	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	NORARTOCARPETIN	Wood	--	--		
0	OXYDIHYDROARTOCARPESINE	Wood	--	--		
4	PHOSPHORUS	Fruit	260	1725	-0.45287440021620723	
4	PHOSPHORUS	Seed	1300	2685	-0.7051364601425728	
14	POTASSIUM	Fruit	1990	15125	-0.24697475648641123	
0	PROTEIN	Fruit	12180	83330	-0.3508006578675857	
0	PROTEIN	Seed	66000	136360	-0.8667442806267079	
15	RIBOFLAVIN	Fruit	1	4	-0.21615825716438572	
1	SODIUM	Fruit	20	150	-0.1697264549186314	
35	TANNIN	Bark	33000	33000	-0.945501524926249	
31	THIAMIN	Fruit	0.3	3	-0.29859918253223444	
89	URSOLIC-ACID	Root	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
0	VIT-B-6	Fruit	1	4	-0.7070236337221133	
0	WATER	Seed	516000	577000	1.3407663034201738	
0	WATER	Fruit	712740	772000	0.0061928307571224315	
0	WATER	Latex Exudate	650000	750000	0.7071067811865475	
77	ZINC	Fruit	4	16	-0.4302746084448067	