

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Annona cherimola*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(+)-CORYTUBERINE	Plant	--	--		
0	(+)-ISOBOLDINE	Leaf	--	--		
0	(+)-NORNANTENINE	Leaf	--	--		
0	(+)-RETICULINE	Seed	--	--		
2	(-)-ANONAININE	Leaf	--	--		
2	(-)-STEPHOLIDINE	Leaf	--	--		
0	1-BUTANOL	Plant	--	--		
0	3-METHYL-1-BUTANOL	Plant	--	--		
2	ALMUNEQUINE	Seed	--	--		
10	ANONAININE	Leaf	--	--		
10	ANONAININE	Seed	--	--		
112	ASCORBIC-ACID	Fruit	50	725	-0.23941068574490013	
0	ASH	Fruit	6100	34000	-0.5868859444661659	
0	ASH	Seed	12000	15500	-0.9739170761554706	
9	ASIMICIN	Seed	--	--		
53	BETA-CAROTENE	Fruit	--	0.2	-0.1504140327340827	
47	BETA-SITOSTEROL	Seed	10000	14000	4.7412403372639025	
62	CAFFEINE	Seed	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	CALCIUM	Fruit	78	1455	-0.5541217477322371	
28	CALCIUM	Seed	860	1110	-0.5576624101146164	
2	CAMPESTEROL	Seed	1700	2200	3.9222556371249584	
0	CARBOHYDRATES	Fruit	213000	927000	0.770674732143034	
1	CELLULOSE	Fruit	41000	41000	-0.23121784821048635	
3	CHERIMOLINE	Seed	--	--		
0	DEHYDROCHERIMOLINE	Seed	--	--		
0	FAT	Fruit	1000	15000	-0.5266832963571706	
0	FAT	Seed	200000	258000	-0.038913085601107615	
15	FIBER	Fruit	15000	83000	-0.5536985387089013	
15	FIBER	Seed	256000	330300	1.5438686094108527	
3	HEXANOL	Plant	--	--		
6	IRON	Fruit	2	26	-0.42435319028571294	
6	IRON	Seed	210	270	0.5538717623403695	
0	KILOCALORIES	Fruit	820	3550	-0.16790939262374893	
0	LAHERRADURINE	Seed	--	--		
0	LANUGINOSINE	Seed	--	--		
0	LINALOL	Plant	--	--		
27	LINOLEIC-ACID	Seed	68400	88200	-0.16212725928410243	

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27	LINOLEIC-ACID	Fruit	350	5300	-0.28062491007380796	
0	LINOLENIC-ACID	Fruit	265	4020	-0.37668548757855547	
11	LIRIODENINE	Seed	--	--		
65	MAGNESIUM	Fruit	200	1000	-0.5231337953545281	
65	MAGNESIUM	Seed	810	1045	-0.7511136843791225	
14	MANGANESE	Fruit	1	5	-0.37056814220400325	
14	MANGANESE	Seed	80	100	0.5789731987465522	
0	MICHELALBINE	Shoot	--	--		
39	NIACIN	Fruit	9	50	-0.14301520764261824	
0	NITROGEN	Fruit	2270	2270	-0.8661158359002702	
18	OLEIC-ACID	Seed	95000	122500	0.027921714072142736	
13	PALMITIC-ACID	Seed	25200	32500	-0.029020596173160516	
13	PALMITIC-ACID	Fruit	235	3500	-0.3110480120872793	
0	PHOSPHOLIPIDS	Seed	4400	5700	-0.4544985218891125	
4	PHOSPHORUS	Fruit	240	1510	-0.5181784547205851	
2	PHYTOSTEROLS	Seed	15400	20000	4.8473171923086324	
14	POTASSIUM	Fruit	1980	9900	-0.7092494477561294	
14	POTASSIUM	Seed	29500	38000	2.236398424298033	
34	PROANTHOCYANIDINS	Fruit	--	--		

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0	PROTEIN	Fruit	11000	49000	-0.8110092359768049	
0	PROTEIN	Seed	107000	138000	-0.8521556313067219	
15	RIBOFLAVIN	Fruit	1	5.5	0.10509170851914904	
1	SODIUM	Fruit	57	285	-0.15692455653413676	
1	SODIUM	Seed	68	88	-0.5760236136750875	
0	STEPHOLIDINE	Leaf	--	--		
12	STIGMASTEROL	Seed	3080	4000	4.552307487053863	
0	SUGARS	Fruit	119000	119000	-0.3929963257037004	
31	THIAMIN	Fruit	1	4	-0.17059389090821606	
0	TRIGLYCERIDES	Seed	174000	224500		
0	WATER	Fruit	687000	771000	0.0018447371534684681	
0	WATER	Seed	225000	225000	-0.010004527277239833	
77	ZINC	Fruit	3	15	-0.4603604858551467	