

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Syzygium cumini*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CARBOHYDRATES	Fruit	129000.0	914000.0	0.7011570513695161	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	WATER	Fruit	827000.0	858000.0	0.3801288806713638	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Fruit	7000.0	56000.0	-0.7171711920861981	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Fruit	3000.0	55215.0	-0.815891154874719	--
0	ASH	Fruit	3000.0	40000.0	-0.4315138599096578	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	FAT	Fruit	1000.0	18400.0	-0.5007143698421751	--
14	POTASSIUM	Fruit	550.0	6705.0	-0.9919226800253638	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	KILOCALORIES	Fruit	510.0	3590.0	-0.10715630172580067	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
65	MAGNESIUM	Fruit	350.0	2145.0	0.00706772889134923	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
22	BETULINIC-ACID	Bark		1700.0	-0.47038305719646917	Jim Duke's personal files.
1	SODIUM	Fruit	90.0	1605.0	-0.03175043899685571	--
112	ASCORBIC-ACID	Fruit	57.0	1330.0	-0.2017936051436265	--
22	BETULINIC-ACID	Stem Bark		1100.0	0.04339870512312027	Jim Duke's personal files.
28	CALCIUM	Fruit	80.0	920.0	-0.6775785474200458	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
14	SULFUR	Fruit	130.0	800.0	-0.42773070797107693	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
7	CHLORINE	Fruit	80.0	490.0	-0.3490856004023898	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
20	CHOLINE	Fruit	70.0	430.0	-0.5171980159246256	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
4	PHOSPHORUS	Fruit	130.0	127.0	-0.9382505820673505	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
6	IRON	Fruit	2.0	113.0	-0.07924763850798536	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
39	NIACIN	Fruit	2.0	21.0	-0.5306948798590275	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
12	COPPER	Fruit	2.3	14.0	0.0919201936132837	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
53	BETA-CAROTENE	Fruit	0.0	3.0	-0.14500168318231235	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
31	THIAMIN	Fruit	0.0	1.8	-0.4522055324810564	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Fruit	0.1	0.7	-0.9229081816681621	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FOLACIN	Fruit	0.03	0.18	-0.7629305882987654	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
9	OXALIC-ACID	Fruit				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
35	TANNIN	Fruit				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
22	BETULINIC-ACID	Leaf				Jim Duke's personal files.
62	GALLIC-ACID	Fruit				Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.