

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Coriandrum sativum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
53	LINALOOL	Seed Essent. Oil	414190.0	742300.0	2.216550400992289	--
53	LINALOOL	Essential Oil		568000.0	1.9636483678850598	--
15	FIBER	Fruit	291000.0	319000.0	1.6733109057803188	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
18	OLEIC-ACID	Fruit	39930.0	167819.0	0.8126920882556948	--
27	LINOLEIC-ACID	Seed		132000.0	0.2131554891088805	--
15	FIBER	Leaf	16000.0	129000.0	-0.4023315981418849	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
5	STARCH	Fruit		100000.0	-0.30384740496903184	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
18	OLEIC-ACID	Seed		94000.0	-0.20636501961421735	--
35	BORNEOL	Seed Essent. Oil	15500.0	70100.0		--
35	GERANIOL	Seed Essent. Oil	6720.0	69700.0	0.1099647159636269	--
71	THYMOL	Seed Essent. Oil		68140.0	1.4139493228546411	--
41	CAMPHOR	Seed Essent. Oil		58300.0	1.0	--
13	PALMITIC-ACID	Seed Essent. Oil		58200.0		--
28	ALPHA-PINENE	Seed Essent. Oil	11400.0	52980.0	-0.3763795265608634	--
14	POTASSIUM	Leaf	5600.0	48177.0	0.7874620147860205	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
11	GAMMA-TERPINENE	Seed Essent. Oil		40800.0	-0.2831900813123795	--
23	ALPHA-TERPINEOL	Seed Essent. Oil		23200.0	-0.591786991122015	--
13	ALPHA-TERPINENE	Seed Essent. Oil	200.0	19700.0	0.21421162836665333	--
60	LIMONENE	Seed Essent. Oil	15500.0	18950.0	-0.7918374700341749	--
3	BETA-PHELLANDRENE	Seed Essent. Oil	400.0	18600.0	-0.3304275521980012	--
27	LINOLEIC-ACID	Fruit	13030.0	18260.0	-0.09777897022873985	--
13	PALMITIC-ACID	Fruit	2160.0	16800.0	-0.10399513962361799	--
14	POTASSIUM	Fruit	11866.0	14781.0	-0.27740968352885775	USDA's Ag Handbook 8 and sequelae)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	CITRONELLOL	Seed Essent. Oil	6150.0	14620.0		--
28	CALCIUM	Seed	6465.0	14469.0	1.8958241168450043	--
23	TERPINEN-4-OL	Seed Essent. Oil		13800.0	-0.5326666411126562	--
28	ALPHA-PINENE	Fruit	819.0	13780.0	2.8789050860769403	--
67	1,8-CINEOLE	Seed Essent. Oil		13780.0	-1.0	--
28	CALCIUM	Leaf	1330.0	13441.0	-0.34137725941345665	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
13	BETA-PINENE	Seed Essent. Oil	2100.0	13400.0	-0.7558724890143567	--
1	CORIANDROL	Fruit	400.0	10250.0		--
53	LINALOOL	Fruit	400.0	10250.0	2.2811487887245883	--
3	DIPHENYLAMINE	Fruit		9500.0		Karawy, M. S., Ehayyal, A. S. E., Farrag, N. M., Ayad, M. M. 1986. Screening of Diphenylamine as an Antihyperglycaemic Agent in Certain Edible Plant Organs. Acta. Pharm. Hung, 56: 55-58.
9	CAMPHENE	Seed Essent. Oil	2100.0	7600.0	1.2973683379921246	--
1	SODIUM	Leaf	940.0	7581.0	0.6991528552357646	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
65	MAGNESIUM	Leaf	6940.0	7488.0	1.2982818168844166	USDA's Ag Handbook 8 and sequelae)
22	MYRCENE	Seed Essent. Oil		6500.0	-0.6568116875911565	--
4	PHOSPHORUS	Leaf	720.0	6452.0	0.27240108248500583	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
112	ASCORBIC-ACID	Leaf	780.0	6290.0	0.13971175200302013	--
10	NEROL	Seed Essent. Oil		6150.0	1.0	--
9	TERPINOLENE	Seed Essent. Oil		5300.0	-0.303409676929149	--
4	PHOSPHORUS	Fruit	3907.0	4687.0	0.4468028530022447	USDA's Ag Handbook 8 and sequelae)
6	DILLAPIOL	Seed Essent. Oil		4500.0		--
2	ELEMOL	Seed Essent. Oil		4130.0		--
65	MAGNESIUM	Fruit	2939.0	4016.0	0.8734494335760973	USDA's Ag Handbook 8 and sequelae)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	CARYOPHYLENE-OXIDE	Seed Essent. Oil		3610.0		--
11	GAMMA-TERPINENE	Fruit	762.0	2626.0	-0.16808278013485026	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
8	STEARIC-ACID	Seed Essent. Oil		2000.0		--
2	DODECANAL	Leaf		1627.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
5	MYRTENAL	Seed Essent. Oil		1600.0		--
1	DECAN-1-AL	Seed Essent. Oil		1500.0		--
5	SABINENE	Seed Essent. Oil		1400.0	-0.4936167585696178	--
20	CHOLINE	Seed		1387.0	-0.26859216208459646	--
41	CAMPHOR	Fruit	100.0	1300.0	1.6456434313757062	--
13	GERANIAL	Seed Essent. Oil		1300.0		--
60	LIMONENE	Fruit	34.0	1238.0	-0.5726537627760642	--
8	STEARIC-ACID	Fruit	1100.0	1207.0	-0.1991755963123703	USDA's Ag Handbook 8 and sequelae)
2	PALMITOLEIC-ACID	Fruit	1000.0	1097.0	-0.14493129159756157	USDA's Ag Handbook 8 and sequelae)
5	GERANYL-ACETATE	Fruit	52.0	988.0	0.7226725134299015	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	P-HYDROXY-BENZOIC-ACID	Fruit		960.0	1.409967005275492	Abstract (See species file)
24	VANILLIC-ACID	Fruit		960.0	1.0	Abstract (See species file)
112	ASCORBIC-ACID	Fruit		920.0	-0.22728617216267144	--
16	P-CYMENE	Seed Essent. Oil		900.0	-1.547238257753332	--
102	CAFFEIC-ACID	Fruit		770.0	-0.1963560462638582	--
43	PROTOCATECHUIC-ACID	Fruit		760.0	0.9999999999999999	Abstract (See species file)
16	P-CYMENE	Fruit	74.0	728.0	-0.4833946204797754	--
1	ETHYL-PALMITATE	Fruit	46.0	598.0	1.4140633715418722	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
6	IRON	Leaf	30.0	528.0	0.41776327197286667	--
2	PHYTOSTEROLS	Fruit		460.0	-0.6252997452058894	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
35	GERANIOL	Fruit	34.0	442.0	2.099882842620517	--
1	SODIUM	Fruit	308.0	430.0	-0.14317436938042027	USDA's Ag Handbook 8 and sequelae)
24	VANILLIC-ACID	Plant	221.0	347.0	1.4132666574417567	Abstract (See species file)
13	P-HYDROXY-BENZOIC-ACID	Plant	252.0	333.0	-1.0	Abstract (See species file)
77	CHLOROGENIC-ACID	Plant	305.0	320.0	-0.6800911873139804	Abstract (See species file)
2	UNDECANAL	Leaf		304.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
53	BETA-CAROTENE	Leaf	29.0	228.0	-0.14501134388228565	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
6	IRON	Fruit	112.0	227.0	0.3729596362352439	--
47	BETA-SITOSTEROL	Fruit		220.0	-0.5051872230351605	--
6	MYRISTIC-ACID	Fruit	200.0	219.0	-0.2588121993964581	USDA's Ag Handbook 8 and sequelae)
12	STIGMASTEROL	Fruit		180.0	1.3242602946608402	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
43	PROTocatechuic-ACID	Plant	167.0	179.0	0.8781551128951783	Abstract (See species file)
22	MYRCENE	Fruit	13.0	169.0	-0.3581922077232703	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	CAMPHENE	Fruit	2.0	155.0	-0.2875286008211722	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	ETHYL-MYRISTATE	Fruit	12.0	153.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
39	NIACIN	Leaf	13.0	136.0	0.468288830503172	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	OXALIC-ACID	Fruit		120.0	-0.29973195119586477	--
1	TOLUENE	Leaf		117.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	CORIANDRIN	Shoot	4.2	106.6		--
5	SABINENE	Fruit	1.0	83.0	-0.509533484990146	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	BETA-PINENE	Fruit	69.0	83.0	-0.2951842276648527	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
23	TERPINEN-4-OL	Fruit	6.0	80.0	-0.34623106760257755	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
14	MANGANESE	Leaf		64.0	-0.35348854285141834	USDA's Ag Handbook 8 and sequelae)
35	BORNEOL	Fruit	2.0	54.0	-0.7079078334166587	--
77	ZINC	Fruit	34.0	52.0	0.6528169783274335	--
9	OXALIC-ACID	Leaf		50.0	-0.4746637714382876	Watt, J.M. and Breyer-Brandwijk, M.G. 1962. The Medicinal and Poisonous Plants of Southern and Eastern Africa. E. & S. Livingstone, Ltd. Edinburg & London. 1457 pp.
23	ALPHA-TERPINEOL	Fruit	36.0	44.0	-0.3723049247176171	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
19	ACETYL-CHOLINE	Seed		43.0	-0.7564731555082913	--
18	CINNAMIC-ACID	Plant		40.0	1.0	Abstract (See species file)
2	CAMPESTEROL	Fruit		30.0	-0.4046460894399287	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
4	BORON	Seed	9.0	29.0	0.23188918012153775	Betting on Boron, Unpublished draft by J. A. Duke on file at USDA, draft and papers relating to boron percentages. Includes Internat. Z. Vit. Ern. Forschung 43:1973 (boron).

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
24	CHROMIUM	Seed		28.8	3.513354178720076	--
19	CARVONE	Fruit	21.0	26.0	-0.4990970041084822	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	TERPINOLENE	Fruit	13.0	26.0	-0.5876858204442595	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
39	NIACIN	Fruit	21.0	23.0	-0.5039583507406544	USDA's Ag Handbook 8 and sequelae)
15	RIBOFLAVIN	Leaf	1.0	21.0	-0.07942432526480918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
14	MANGANESE	Fruit	18.0	19.0	-0.27825396850008577	--
12	COPPER	Leaf		18.0	-0.2657646170188676	USDA's Ag Handbook 8 and sequelae)
11	NEROLIDOL	Fruit	14.0	17.0	-0.7181710539929176	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
25	P-COUMARIC-ACID	Fruit		16.0	-0.700035632491875	--
31	THIAMIN	Leaf	1.0	16.0	1.6037378639175852	--
13	ALPHA-TERPINENE	Fruit	1.0	15.0	-0.37657545814518684	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	BETA-PHELLANDRENE	Fruit	1.0	13.0	-0.4703263293427	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
12	COPPER	Fruit	10.0	13.0	0.014090749380317144	--
61	FERULIC-ACID	Plant		11.0	-1.3788754333101605	--
31	CARYOPHYLENE	Fruit	1.0	8.0	-0.39580267370453653	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
15	CITRONELLOL	Fruit	0.0	8.0	-0.021396130240373637	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
2	UNDECANAL	Fruit	1.0	8.0	1.4065369194811357	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	RIBOFLAVIN	Fruit	3.0	4.0	-0.21615825716438572	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	THIAMIN	Fruit	2.0	3.0	-0.29859918253223444	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	NICKEL	Fruit		2.4	-0.04957166517347313	--
8	TRANS-ANETHOLE	Fruit	1.0	2.0	-0.9957288082990997	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	P-HYDROXYCINNAMIC-ACID	Plant		1.1	-1.0000000000000002	--
16	ACETIC-ACID	Fruit		1.0	-0.6428126249807119	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
2	COBALT	Fruit		0.9	-0.42616188431853125	--
1	CORIANDRIN	Plant		0.5		--
4	SYRINGALDEHYDE	Plant		0.1		--
22	UMBELLIFERONE	Plant		0.1		--
1	ISOSCOPOLETIN	Plant		0.1		--
53	BETA-CAROTENE	Seed		0.0	-0.42930857989782434	--
13	ALPHA-TERPINENE	Essential Oil				--
67	1,8-CINEOLE	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
8	TYROSINE	Fruit				--
41	CAMPHOR	Essential Oil				--
15	METHIONINE	Leaf				--
2	ELEMOL	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
176	QUERCETIN	Leaf				--
3	ISOLEUCINE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
22	UMBELLIFERONE	Fruit				--
10	NEROL	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	ETHYL-MYRISTATE	Essential Oil				--
4	LYSINE	Leaf				--
176	QUERCETIN	Shoot				--
3	BETA-PHELLANDRENE	Essential Oil				--
3	ISOLEUCINE	Leaf				--
3	TRIACONTANOL	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
31	MYRISTICIN	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	HOMOERIODICTYOL	Fruit				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
28	ALPHA-PINENE	Essential Oil				--
14	SUCROSE	Fruit				--
4	LYSINE	Fruit				--
1	DODECANOL	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	PSORALEN	Seed				--
26	BERGAPTEN	Fruit				--
7	HISTIDINE	Fruit				--
7	GLUCOSE	Fruit				--
44	SCOPOLETIN	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	CAMPHENE	Essential Oil				--
3	ASPARTIC-ACID	Fruit				--
12	GLYCINE	Fruit				--
101	APIGENIN	Fruit				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
29	TRYPTOPHAN	Leaf				--
15	CITRONELLOL	Essential Oil				--
18	OLEIC-ACID	Seed Oil				--
11	ALPHA-PHELLANDRENE	Essential Oil				--
3	DIPHENYLAMINE	Plant				Karawva, M. S., Khayyal, S. E., Farrag, N. M., Ayad, M. M. 1986. Screening of Diphenylamine as an Antihyperglycemic in Certain Edible Plant Organs. Egypt J. Pharm. Sci., 25(1,2,3): 21-25.
7	DIPENTENE	Fruit				--
7	PHENYLALANINE	Fruit				--
8	GLUTAMIC-ACID	Fruit				--
102	CAFFEIC-ACID	Leaf				--
17	ANGELICIN	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
3	(-)-BORNEOL	Essential Oil				--
1	TRIACONTAN-1-OL	Seed				--
10	NEROL	Essential Oil				--
3	ALANINE	Fruit				--
87	RUTIN	Fruit				--
1	SERINE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
102	CAFFEIC-ACID	Shoot				--
7	PHENYLALANINE	Leaf				--
14	ARGININE	Fruit				--
13	GERANIAL	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
43	XANTHOTOXIN	Fruit				--
44	SCOPOLETIN	Shoot				--
35	BORNEOL	Essential Oil				--
2	OCIMENE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	PALMITIC-ACID-ETHYL-ESTER	Essential Oil				--
14	ARGININE	Leaf				--
35	GERANIOL	Essential Oil				--
3	VALINE	Fruit				--
4	THREONINE	Leaf				--
77	CHLOROGENIC-ACID	Shoot				--
10	5-METHOXY-PSORALEN	Fruit				--
1	DECAN-1-AL	Essential Oil				--
5	SABINENE	Essential Oil				--
60	LIMONENE	Essential Oil				--
17	ANGELICIN	Seed				--
12	BORNYL-ACETATE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
8	FRUCTOSE	Fruit				--
3	VALINE	Leaf				--
31	MYRISTICIN	Essential Oil				--
5	DAUCOSTEROL	Seed				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
18	RHAMNETIN	Fruit				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
47	BETA-SITOSTEROL	Seed				--
2	LEUCINE	Fruit				--
35	TANNIN	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
23	ALPHA-TERPINEOL	Essential Oil				--
11	ALPHA-PHELLANDRENE	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	TERPINOLENE	Essential Oil				--
8	CARYOPHYLLENE-OXIDE	Fruit				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
22	MYRCENE	Essential Oil				--
2	CYSTINE	Fruit				--
176	QUERCETIN	Fruit				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
24	PECTIN	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
87	RUTIN	Shoot				--
2	LEUCINE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	CIS-OCIMENE	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
11	GAMMA-TERPINENE	Essential Oil				--
22	ISOQUERCITRIN	Fruit				--
16	P-CYMENE	Essential Oil				--
22	UMBELLIFERONE	Shoot				--
23	TERPINEN-4-OL	Essential Oil				--
31	CARYOPHYLLENE	Essential Oil				--
31	PSORALEN	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
2	QUERCETIN-3-O-BETA-D-GLUCURONIDE	Fruit				--
13	BETA-PINENE	Essential Oil				--