

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Coriandrum sativum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
24	CHROMIUM	Seed		28.8	3.513354178720076	--
28	ALPHA-PINENE	Fruit	819.0	13780.0	2.8789050860769403	--
53	LINALOOL	Fruit	400.0	10250.0	2.2811487887245883	--
53	LINALOOL	Seed Essent. Oil	414190.0	742300.0	2.216550400992289	--
35	GERANIOL	Fruit	34.0	442.0	2.099882842620517	--
53	LINALOOL	Essential Oil		568000.0	1.9636483678850598	--
28	CALCIUM	Seed	6465.0	14469.0	1.8958241168450043	--
15	FIBER	Fruit	291000.0	319000.0	1.6733109057803188	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
41	CAMPHOR	Fruit	100.0	1300.0	1.6456434313757062	--
31	THIAMIN	Leaf	1.0	16.0	1.6037378639175852	--
1	ETHYL-PALMITATE	Fruit	46.0	598.0	1.4140633715418722	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
71	THYMOL	Seed Essent. Oil		68140.0	1.4139493228546411	--
24	VANILLIC-ACID	Plant	221.0	347.0	1.4132666574417567	Abstract (See species file)
13	P-HYDROXY-BENZOIC-ACID	Fruit		960.0	1.409967005275492	Abstract (See species file)
2	UNDECANAL	Fruit	1.0	8.0	1.4065369194811357	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
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.)
65	MAGNESIUM	Leaf	6940.0	7488.0	1.2982818168844166	USDA's Ag Handbook 8 and sequelae)
9	CAMPHENE	Seed Essent. Oil	2100.0	7600.0	1.2973683379921246	--
41	CAMPHOR	Seed Essent. Oil		58300.0	1.0	--
1	ETHYL-MYRISTATE	Fruit	12.0	153.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
10	NEROL	Seed Essent. Oil		6150.0	1.0	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
24	VANILLIC-ACID	Fruit		960.0	1.0	Abstract (See species file)
18	CINNAMIC-ACID	Plant		40.0	1.0	Abstract (See species file)
43	PROTocatechuic-ACID	Fruit		760.0	0.9999999999999999	Abstract (See species file)
43	PROTocatechuic-ACID	Plant	167.0	179.0	0.8781551128951783	Abstract (See species file)
65	MAGNESIUM	Fruit	2939.0	4016.0	0.8734494335760973	USDA's Ag Handbook 8 and sequelae)
18	OLEIC-ACID	Fruit	39930.0	167819.0	0.8126920882556948	--
14	POTASSIUM	Leaf	5600.0	48177.0	0.7874620147860205	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
5	GERANYL-ACETATE	Fruit	52.0	988.0	0.7226725134299015	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	SODIUM	Leaf	940.0	7581.0	0.6991528552357646	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
77	ZINC	Fruit	34.0	52.0	0.6528169783274335	--
39	NIACIN	Leaf	13.0	136.0	0.468288830503172	--
4	PHOSPHORUS	Fruit	3907.0	4687.0	0.4468028530022447	USDA's Ag Handbook 8 and sequelae)
6	IRON	Leaf	30.0	528.0	0.41776327197286667	--
6	IRON	Fruit	112.0	227.0	0.3729596362352439	--
4	PHOSPHORUS	Leaf	720.0	6452.0	0.27240108248500583	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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).
13	ALPHA-TERPINENE	Seed Essent. Oil	200.0	19700.0	0.21421162836665333	--
27	LINOLEIC-ACID	Seed		132000.0	0.2131554891088805	--
112	ASCORBIC-ACID	Leaf	780.0	6290.0	0.13971175200302013	--
35	GERANIOL	Seed Essent. Oil	6720.0	69700.0	0.1099647159636269	--
12	COPPER	Fruit	10.0	13.0	0.014090749380317144	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	CITRONELLOL	Fruit	0.0	8.0	-0.021396130240373637	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	NICKEL	Fruit		2.4	-0.04957166517347313	--
15	RIBOFLAVIN	Leaf	1.0	21.0	-0.07942432526480918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
27	LINOLEIC-ACID	Fruit	13030.0	18260.0	-0.09777897022873985	--
13	PALMITIC-ACID	Fruit	2160.0	16800.0	-0.10399513962361799	--
1	SODIUM	Fruit	308.0	430.0	-0.14317436938042027	USDA's Ag Handbook 8 and sequelae)
2	PALMITOLEIC-ACID	Fruit	1000.0	1097.0	-0.14493129159756157	USDA's Ag Handbook 8 and sequelae)
53	BETA-CAROTENE	Leaf	29.0	228.0	-0.14501134388228565	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
11	GAMMA-TERPINENE	Fruit	762.0	2626.0	-0.16808278013485026	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
102	CAFFEIC-ACID	Fruit		770.0	-0.1963560462638582	--
8	STEARIC-ACID	Fruit	1100.0	1207.0	-0.1991755963123703	USDA's Ag Handbook 8 and sequelae)
18	OLEIC-ACID	Seed		94000.0	-0.20636501961421735	--
15	RIBOFLAVIN	Fruit	3.0	4.0	-0.21615825716438572	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
112	ASCORBIC-ACID	Fruit		920.0	-0.22728617216267144	--
6	MYRISTIC-ACID	Fruit	200.0	219.0	-0.2588121993964581	USDA's Ag Handbook 8 and sequelae)
12	COPPER	Leaf		18.0	-0.2657646170188676	USDA's Ag Handbook 8 and sequelae)
20	CHOLINE	Seed		1387.0	-0.26859216208459646	--
14	POTASSIUM	Fruit	11866.0	14781.0	-0.27740968352885775	USDA's Ag Handbook 8 and sequelae)
14	MANGANESE	Fruit	18.0	19.0	-0.27825396850008577	--
11	GAMMA-TERPINENE	Seed Essent. Oil		40800.0	-0.2831900813123795	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	CAMPHENE	Fruit	2.0	155.0	-0.2875286008211722	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.
31	THIAMIN	Fruit	2.0	3.0	-0.29859918253223444	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	OXALIC-ACID	Fruit		120.0	-0.29973195119586477	--
9	TERPINOLENE	Seed Essent. Oil		5300.0	-0.303409676929149	--
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.
3	BETA-PHELLANDRENE	Seed Essent. Oil	400.0	18600.0	-0.3304275521980012	--
28	CALCIUM	Leaf	1330.0	13441.0	-0.34137725941345665	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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)
22	MYRCENE	Fruit	13.0	169.0	-0.3581922077232703	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
23	ALPHA-TERPINEOL	Fruit	36.0	44.0	-0.3723049247176171	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
28	ALPHA-PINENE	Seed Essent. Oil	11400.0	52980.0	-0.3763795265608634	--
13	ALPHA-TERPINENE	Fruit	1.0	15.0	-0.37657545814518684	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	CARYOPHYLLENE	Fruit	1.0	8.0	-0.39580267370453653	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	FIBER	Leaf	16000.0	129000.0	-0.4023315981418849	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.)
2	COBALT	Fruit		0.9	-0.42616188431853125	--
53	BETA-CAROTENE	Seed		0.0	-0.42930857989782434	--
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.
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.
16	P-CYMENE	Fruit	74.0	728.0	-0.4833946204797754	--
5	SABINENE	Seed Essent. Oil		1400.0	-0.4936167585696178	--
19	CARVONE	Fruit	21.0	26.0	-0.4990970041084822	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)
47	BETA-SITOSTEROL	Fruit		220.0	-0.5051872230351605	--
5	SABINENE	Fruit	1.0	83.0	-0.509533484990146	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
23	TERPINEN-4-OL	Seed Essent. Oil		13800.0	-0.5326666411126562	--
60	LIMONENE	Fruit	34.0	1238.0	-0.5726537627760642	--
9	TERPINOLENE	Fruit	13.0	26.0	-0.5876858204442595	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
23	ALPHA-TERPINEOL	Seed Essent. Oil		23200.0	-0.591786991122015	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.)
16	ACETIC-ACID	Fruit		1.0	-0.6428126249807119	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
22	MYRCENE	Seed Essent. Oil		6500.0	-0.6568116875911565	--
77	CHLOROGENIC-ACID	Plant	305.0	320.0	-0.6800911873139804	Abstract (See species file)
25	P-COUMARIC-ACID	Fruit		16.0	-0.700035632491875	--
35	BORNEOL	Fruit	2.0	54.0	-0.7079078334166587	--
11	NEROLIDOL	Fruit	14.0	17.0	-0.7181710539929176	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	BETA-PINENE	Seed Essent. Oil	2100.0	13400.0	-0.7558724890143567	--
19	ACETYL-CHOLINE	Seed		43.0	-0.7564731555082913	--
60	LIMONENE	Seed Essent. Oil	15500.0	18950.0	-0.7918374700341749	--
8	TRANS-ANETHOLE	Fruit	1.0	2.0	-0.9957288082990997	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	P-HYDROXY-BENZOIC-ACID	Plant	252.0	333.0	-1.0	Abstract (See species file)
67	1,8-CINEOLE	Seed Essent. Oil		13780.0	-1.0	--
1	P-HYDROXYCINNAMIC-ACID	Plant		1.1	-1.0000000000000002	--
61	FERULIC-ACID	Plant		11.0	-1.3788754333101605	--
16	P-CYMENE	Seed Essent. Oil		900.0	-1.547238257753332	--
13	ALPHA-TERPINENE	Essential Oil				--
2	ELEMOL	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
67	1,8-CINEOLE	Fruit				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	METHIONINE	Leaf				--
1	CORIANDRIN	Shoot	4.2	106.6		--
8	TYROSINE	Fruit				--
41	CAMPHOR	Essential Oil				--
10	NEROL	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
22	UMBELLIFERONE	Fruit				--
176	QUERCETIN	Leaf				--
3	ISOLEUCINE	Fruit				--
1	ETHYL-MYRISTATE	Essential Oil				--
4	SYRINGALDEHYDE	Plant		0.1		--
4	LYSINE	Leaf				--
31	MYRISTICIN	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	BETA-PHELLANDRENE	Essential Oil				--
3	TRIACONTANOL	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
176	QUERCETIN	Shoot				--
3	ISOLEUCINE	Leaf				--
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				--
2	ELEMOL	Seed Essent. Oil		4130.0		--
14	SUCROSE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	LYSINE	Fruit				--
1	DODECANOL	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
26	BERGAPTEN	Fruit				--
31	PSORALEN	Seed				--
7	HISTIDINE	Fruit				--
7	GLUCOSE	Fruit				--
44	SCOPOLETIN	Fruit				--
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	Essential Oil				--
2	DODECANAL	Leaf		1627.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
3	ASPARTIC-ACID	Fruit				--
1	TOLUENE	Leaf		117.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
12	GLYCINE	Fruit				--
15	CITRONELLOL	Essential Oil				--
11	ALPHA-PHELLANDRENE	Essential Oil				--
29	TRYPTOPHAN	Leaf				--
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.
18	OLEIC-ACID	Seed Oil				--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
1	CORIANDROL	Fruit	400.0	10250.0		--
7	DIPENTENE	Fruit				--
8	STEARIC-ACID	Seed Essent. Oil		2000.0		--
102	CAFFEIC-ACID	Leaf				--
7	PHENYLALANINE	Fruit				--
8	GLUTAMIC-ACID	Fruit				--
15	CITRONELLOL	Seed Essent. Oil	6150.0	14620.0		--
3	ALANINE	Fruit				--
1	TRIACONTAN-1-OL	Seed				--
17	ANGELICIN	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
87	RUTIN	Fruit				--
10	NEROL	Essential Oil				--
6	DILLAPIOL	Seed Essent. Oil		4500.0		--
3	(-)-BORNEOL	Essential Oil				--
102	CAFFEIC-ACID	Shoot				--
1	SERINE	Fruit				--
14	ARGININE	Fruit				--
7	PHENYLALANINE	Leaf				--
13	GERANIAL	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	DECAN-1-AL	Seed Essent. Oil		1500.0		--
43	XANTHOTOXIN	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	OCIMENE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
35	BORNEOL	Essential Oil				--
44	SCOPOLETIN	Shoot				--
14	ARGININE	Leaf				--
1	PALMITIC-ACID-ETHYL-ESTER	Essential Oil				--
35	GERANIOL	Essential Oil				--
10	5-METHOXY-PSORALEN	Fruit				--
4	THREONINE	Leaf				--
5	MYRTENAL	Seed Essent. Oil		1600.0		--
1	DECAN-1-AL	Essential Oil				--
3	VALINE	Fruit				--
77	CHLOROGENIC-ACID	Shoot				--
60	LIMONENE	Essential Oil				--
35	BORNEOL	Seed Essent. Oil	15500.0	70100.0		--
5	SABINENE	Essential Oil				--
17	ANGELICIN	Seed				--
12	BORNYL-ACETATE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
13	PALMITIC-ACID	Seed Essent. Oil		58200.0		--
13	GERANIAL	Seed Essent. Oil		1300.0		--
8	FRUCTOSE	Fruit				--
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.
31	MYRISTICIN	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
5	DAUCOSTEROL	Seed				--
3	VALINE	Leaf				--
8	CARYOPHYLLENE-OXIDE	Seed Essent. Oil		3610.0		--
2	LEUCINE	Fruit				--
47	BETA-SITOSTEROL	Seed				--
23	ALPHA-TERPINEOL	Essential Oil				--
35	TANNIN	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
9	TERPINOLENE	Essential Oil				--
11	ALPHA-PHELLANDRENE	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
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.
22	MYRCENE	Essential Oil				--
2	CYSTINE	Fruit				--
22	UMBELLIFERONE	Plant		0.1		--
24	PECTIN	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
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.
3	CIS-OCIMENE	Fruit				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
2	UNDECANAL	Leaf		304.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
87	RUTIN	Shoot				--
2	LEUCINE	Leaf				--
22	ISOQUERCITRIN	Fruit				--
16	P-CYMENE	Essential Oil				--
11	GAMMA-TERPINENE	Essential Oil				--
23	TERPINEN-4-OL	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.
1	CORIANDRIN	Plant		0.5		--
22	UMBELLIFERONE	Shoot				--
31	CARYOPHYLLENE	Essential Oil				--
13	BETA-PINENE	Essential Oil				--
2	QUERCETIN-3-O-BETA-D-GLUCURONIDE	Fruit				--
1	ISOSCOPOLETIN	Plant		0.1		--