

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Coriandrum sativum*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	ETHYL-PALMITATE	Fruit	46.0	598.0	1.4140633715418722	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	CORIANDRIN	Shoot	4.2	106.6		--
1	SODIUM	Leaf	940.0	7581.0	0.6991528552357646	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	ETHYL-MYRISTATE	Essential Oil				--
1	ETHYL-MYRISTATE	Fruit	12.0	153.0	1.0	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	SODIUM	Fruit	308.0	430.0	-0.14317436938042027	USDA's Ag Handbook 8 and sequelae)
1	DODECANOL	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	TOLUENE	Leaf		117.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	CORIANDROL	Fruit	400.0	10250.0		--
1	TRIACONTAN-1-OL	Seed				--
1	SERINE	Fruit				--
1	DECAN-1-AL	Seed Essent. Oil		1500.0		--
1	PALMITIC-ACID-ETHYL-ESTER	Essential Oil				--
1	DECAN-1-AL	Essential Oil				--
1	P-HYDROXYCINNAMIC-ACID	Plant		1.1	-1.0000000000000002	--
1	CORIANDRIN	Plant		0.5		--
1	ISOSCOPOLETIN	Plant		0.1		--
2	ELEMOL	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
2	ELEMOL	Seed Essent. Oil		4130.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	DODECANAL	Leaf		1627.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
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.)
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	OCIMENE	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	COBALT	Fruit		0.9	-0.42616188431853125	--
2	LEUCINE	Fruit				--
2	CYSTINE	Fruit				--
2	UNDECANAL	Leaf		304.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
2	LEUCINE	Leaf				--
2	PALMITOLEIC-ACID	Fruit	1000.0	1097.0	-0.14493129159756157	USDA's Ag Handbook 8 and sequelae)
2	QUERCETIN-3-O-BETA-D-GLUCURONIDE	Fruit				--
2	UNDECANAL	Fruit	1.0	8.0	1.4065369194811357	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.
3	BETA-PHELLANDRENE	Seed Essent. Oil	400.0	18600.0	-0.3304275521980012	--
3	ISOLEUCINE	Fruit				--
3	BETA-PHELLANDRENE	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	TRIACONTANOL	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
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.
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.
3	ASPARTIC-ACID	Fruit				--
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.
3	(-)-BORNEOL	Essential Oil				--
3	ALANINE	Fruit				--
3	VALINE	Fruit				--
3	NICKEL	Fruit		2.4	-0.04957166517347313	--
3	VALINE	Leaf				--
3	CIS-OCIMENE	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
4	SYRINGALDEHYDE	Plant		0.1		--
4	LYSINE	Leaf				--
4	LYSINE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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).
4	PHOSPHORUS	Leaf	720.0	6452.0	0.27240108248500583	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	THREONINE	Leaf				--
4	PHOSPHORUS	Fruit	3907.0	4687.0	0.4468028530022447	USDA's Ag Handbook 8 and sequelae)
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.
5	GERANYL-ACETATE	Fruit	52.0	988.0	0.7226725134299015	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
5	SABINENE	Fruit	1.0	83.0	-0.509533484990146	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
5	MYRTENAL	Seed Essent. Oil		1600.0		--
5	SABINENE	Essential Oil				--
5	DAUCOSTEROL	Seed				--
5	SABINENE	Seed Essent. Oil		1400.0	-0.4936167585696178	--
6	IRON	Leaf	30.0	528.0	0.41776327197286667	--
6	IRON	Fruit	112.0	227.0	0.3729596362352439	--
6	MYRISTIC-ACID	Fruit	200.0	219.0	-0.2588121993964581	USDA's Ag Handbook 8 and sequelae)
6	DILLAPIOL	Seed Essent. Oil		4500.0		--
7	HISTIDINE	Fruit				--
7	GLUCOSE	Fruit				--
7	DIPENTENE	Fruit				--
7	PHENYLALANINE	Fruit				--
7	PHENYLALANINE	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	TYROSINE	Fruit				--
8	TRANS-ANETHOLE	Fruit	1.0	2.0	-0.9957288082990997	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
8	STEARIC-ACID	Seed Essent. Oil		2000.0		--
8	GLUTAMIC-ACID	Fruit				--
8	CARYOPHYLLENE-OXIDE	Seed Essent. Oil		3610.0		--
8	FRUCTOSE	Fruit				--
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.
8	STEARIC-ACID	Fruit	1100.0	1207.0	-0.1991755963123703	USDA's Ag Handbook 8 and sequelae)
9	OXALIC-ACID	Fruit		120.0	-0.29973195119586477	--
9	CAMPHENE	Seed Essent. Oil	2100.0	7600.0	1.2973683379921246	--
9	CAMPHENE	Essential Oil				--
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.
9	CAMPHENE	Fruit	2.0	155.0	-0.2875286008211722	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.
9	TERPINOLENE	Seed Essent. Oil		5300.0	-0.303409676929149	--
9	TERPINOLENE	Essential Oil				--
10	NEROL	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
10	NEROL	Essential Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
10	NEROL	Seed Essent. Oil		6150.0	1.0	--
10	5-METHOXY-PSORALEN	Fruit				--
11	ALPHA-PHELLANDRENE	Essential Oil				--
11	GAMMA-TERPINENE	Fruit	762.0	2626.0	-0.16808278013485026	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
11	GAMMA-TERPINENE	Seed Essent. Oil		40800.0	-0.2831900813123795	--
11	ALPHA-PHELLANDRENE	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
11	GAMMA-TERPINENE	Essential Oil				--
11	NEROLIDOL	Fruit	14.0	17.0	-0.7181710539929176	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.)
12	GLYCINE	Fruit				--
12	COPPER	Leaf		18.0	-0.2657646170188676	USDA's Ag Handbook 8 and sequelae)
12	COPPER	Fruit	10.0	13.0	0.014090749380317144	--
12	BORNYL-ACETATE	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
13	ALPHA-TERPINENE	Essential Oil				--
13	PALMITIC-ACID	Fruit	2160.0	16800.0	-0.10399513962361799	--
13	ALPHA-TERPINENE	Seed Essent. Oil	200.0	19700.0	0.21421162836665333	--
13	P-HYDROXY-BENZOIC-ACID	Plant	252.0	333.0	-1.0	Abstract (See species file)
13	P-HYDROXY-BENZOIC-ACID	Fruit		960.0	1.409967005275492	Abstract (See species file)
13	GERANIAL	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
13	ALPHA-TERPINENE	Fruit	1.0	15.0	-0.37657545814518684	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	PALMITIC-ACID	Seed Essent. Oil		58200.0		--
13	GERANIAL	Seed Essent. Oil		1300.0		--
13	BETA-PINENE	Seed Essent. Oil	2100.0	13400.0	-0.7558724890143567	--
13	BETA-PINENE	Fruit	69.0	83.0	-0.2951842276648527	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
13	BETA-PINENE	Essential Oil				--
14	SUCROSE	Fruit				--
14	MANGANESE	Leaf		64.0	-0.35348854285141834	USDA's Ag Handbook 8 and sequelae)
14	POTASSIUM	Leaf	5600.0	48177.0	0.7874620147860205	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
14	MANGANESE	Fruit	18.0	19.0	-0.27825396850008577	--
14	ARGININE	Fruit				--
14	POTASSIUM	Fruit	11866.0	14781.0	-0.27740968352885775	USDA's Ag Handbook 8 and sequelae)
14	ARGININE	Leaf				--
15	METHIONINE	Leaf				--
15	CITRONELLOL	Essential Oil				--
15	CITRONELLOL	Seed Essent. Oil	6150.0	14620.0		--
15	RIBOFLAVIN	Leaf	1.0	21.0	-0.07942432526480918	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Fruit	3.0	4.0	-0.21615825716438572	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.
15	FIBER	Leaf	16000.0	129000.0	-0.4023315981418849	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	FIBER	Fruit	291000.0	319000.0	1.6733109057803188	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
16	P-CYMENE	Seed Essent. Oil		900.0	-1.547238257753332	--
16	P-CYMENE	Fruit	74.0	728.0	-0.4833946204797754	--
16	P-CYMENE	Essential Oil				--
16	ACETIC-ACID	Fruit		1.0	-0.6428126249807119	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
17	ANGELICIN	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
17	ANGELICIN	Seed				--
18	OLEIC-ACID	Seed		94000.0	-0.20636501961421735	--
18	OLEIC-ACID	Seed Oil				--
18	OLEIC-ACID	Fruit	39930.0	167819.0	0.8126920882556948	--
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.
18	CINNAMIC-ACID	Plant		40.0	1.0	Abstract (See species file)
19	CARVONE	Fruit	21.0	26.0	-0.4990970041084822	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
19	ACETYL-CHOLINE	Seed		43.0	-0.7564731555082913	--
20	CHOLINE	Seed		1387.0	-0.26859216208459646	--
22	UMBELLIFERONE	Fruit				--
22	MYRCENE	Fruit	13.0	169.0	-0.3581922077232703	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
22	MYRCENE	Essential Oil				--
22	UMBELLIFERONE	Plant		0.1		--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
22	ISOQUERCITRIN	Fruit				--
22	MYRCENE	Seed Essent. Oil		6500.0	-0.6568116875911565	--
22	UMBELLIFERONE	Shoot				--
23	TERPINEN-4-OL	Seed Essent. Oil		13800.0	-0.5326666411126562	--
23	ALPHA-TERPINEOL	Fruit	36.0	44.0	-0.3723049247176171	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.
23	ALPHA-TERPINEOL	Essential Oil				--
23	ALPHA-TERPINEOL	Seed Essent. Oil		23200.0	-0.591786991122015	--
23	TERPINEN-4-OL	Essential Oil				--
24	CHROMIUM	Seed		28.8	3.513354178720076	--
24	VANILLIC-ACID	Plant	221.0	347.0	1.4132666574417567	Abstract (See species file)
24	VANILLIC-ACID	Fruit		960.0	1.0	Abstract (See species file)
24	PECTIN	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
25	P-COUMARIC-ACID	Fruit		16.0	-0.700035632491875	--
26	BERGAPTEN	Fruit				--
27	LINOLEIC-ACID	Seed		132000.0	0.2131554891088805	--
27	LINOLEIC-ACID	Fruit	13030.0	18260.0	-0.09777897022873985	--
28	ALPHA-PINENE	Essential Oil				--
28	CALCIUM	Seed	6465.0	14469.0	1.8958241168450043	--
28	ALPHA-PINENE	Seed Essent. Oil	11400.0	52980.0	-0.3763795265608634	--
28	CALCIUM	Leaf	1330.0	13441.0	-0.34137725941345665	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
28	ALPHA-PINENE	Fruit	819.0	13780.0	2.8789050860769403	--
29	TRYPTOPHAN	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
31	CARYOPHYLLENE	Fruit	1.0	8.0	-0.39580267370453653	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	MYRISTICIN	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	PSORALEN	Seed				--
31	THIAMIN	Leaf	1.0	16.0	1.6037378639175852	--
31	THIAMIN	Fruit	2.0	3.0	-0.29859918253223444	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	MYRISTICIN	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.
35	GERANIOL	Fruit	34.0	442.0	2.099882842620517	--
35	BORNEOL	Fruit	2.0	54.0	-0.7079078334166587	--
35	GERANIOL	Seed Essent. Oil	6720.0	69700.0	0.1099647159636269	--
35	BORNEOL	Essential Oil				--
35	GERANIOL	Essential Oil				--
35	BORNEOL	Seed Essent. Oil	15500.0	70100.0		--
35	TANNIN	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
39	NIACIN	Leaf	13.0	136.0	0.468288830503172	--
39	NIACIN	Fruit	21.0	23.0	-0.5039583507406544	USDA's Ag Handbook 8 and sequelae)
41	CAMPHOR	Essential Oil				--
41	CAMPHOR	Seed Essent. Oil		58300.0	1.0	--
41	CAMPHOR	Fruit	100.0	1300.0	1.6456434313757062	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
43	PROTocatechuic-acid	Plant	167.0	179.0	0.8781551128951783	Abstract (See species file)
43	PROTocatechuic-acid	Fruit		760.0	0.9999999999999999	Abstract (See species file)
43	XANTHOTOXIN	Fruit				--
44	SCOPOLETIN	Fruit				--
44	SCOPOLETIN	Shoot				--
47	BETA-SITOSTEROL	Seed				--
47	BETA-SITOSTEROL	Fruit		220.0	-0.5051872230351605	--
53	BETA-CAROTENE	Seed		0.0	-0.42930857989782434	--
53	BETA-CAROTENE	Leaf	29.0	228.0	-0.14501134388228565	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
53	LINALOOL	Seed Essent. Oil	414190.0	742300.0	2.216550400992289	--
53	LINALOOL	Essential Oil		568000.0	1.9636483678850598	--
53	LINALOOL	Fruit	400.0	10250.0	2.2811487887245883	--
60	LIMONENE	Seed Essent. Oil	15500.0	18950.0	-0.7918374700341749	--
60	LIMONENE	Essential Oil				--
60	LIMONENE	Fruit	34.0	1238.0	-0.5726537627760642	--
61	FERULIC-ACID	Plant		11.0	-1.3788754333101605	--
65	MAGNESIUM	Leaf	6940.0	7488.0	1.2982818168844166	USDA's Ag Handbook 8 and sequelae)
65	MAGNESIUM	Fruit	2939.0	4016.0	0.8734494335760973	USDA's Ag Handbook 8 and sequelae)
67	1,8-CINEOLE	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
67	1,8-CINEOLE	Seed Essent. Oil		13780.0	-1.0	--
71	THYMOL	Seed Essent. Oil		68140.0	1.4139493228546411	--
77	CHLOROGENIC-ACID	Plant	305.0	320.0	-0.6800911873139804	Abstract (See species file)
77	ZINC	Fruit	34.0	52.0	0.6528169783274335	--
77	CHLOROGENIC-ACID	Shoot				--
87	RUTIN	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
87	RUTIN	Shoot				--
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.
102	CAFFEIC-ACID	Leaf				--
102	CAFFEIC-ACID	Shoot				--
102	CAFFEIC-ACID	Fruit		770.0	-0.1963560462638582	--
112	ASCORBIC-ACID	Leaf	780.0	6290.0	0.13971175200302013	--
112	ASCORBIC-ACID	Fruit		920.0	-0.22728617216267144	--
176	QUERCETIN	Leaf				--
176	QUERCETIN	Shoot				--
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.