

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ficus carica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
14	SUCROSE	Fruit	2250.0	460000.0	2.5147011871941167	--
15	FIBER	Leaf	47000.0	171000.0	0.11704656450350523	--
15	FIBER	Fruit	12000.0	154000.0	0.11629159077726237	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
27	LINOLEIC-ACID	Seed	84000.0	105000.0	-0.018183191407341856	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
24	PECTIN	Fruit	9300.0	77900.0	0.2946294404122596	--
18	OLEIC-ACID	Seed	47520.0	59400.0	-0.49079733489660543	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
24	PECTIN	Leaf		48400.0	0.3684294892824703	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
35	TANNIN	Leaf		36000.0	-0.9098640485005256	Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
28	CALCIUM	Leaf		31600.0	0.899384453174466	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
7	GLUCOSE	Fruit		31050.0	-0.5655601177152991	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
15	MALIC-ACID	Fruit		30200.0	1.0144129110026165	--
15	MALIC-ACID	Leaf		23400.0	1.658552103888763	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	FRUCTOSE	Fruit		22950.0	-0.569325632580247	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
13	PALMITIC-ACID	Seed	12552.0	15690.0	-0.3758654399099622	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
87	RUTIN	Leaf	500.0	14300.0	-0.11676895230429095	--
14	POTASSIUM	Fruit	1770.0	11662.0	-0.5533589202887144	--
26	BERGAPTEN	Leaf	10.0	10300.0	1.7319957626454692	--
3	MUCILAGE	Fruit		8000.0	-0.6131393394849656	--
31	PSORALEN	Leaf	40.0	8000.0	1.4142045012232562	--
27	LINOLEIC-ACID	Fruit	1440.0	6893.0	-0.2581500966345183	USDA's Ag Handbook 8 and sequelae)
4	PUFA	Fruit	1440.0	6893.0	-0.34607037775471583	USDA's Ag Handbook 8 and sequelae)
8	STEARIC-ACID	Seed	5232.0	6540.0	-0.4234942481562553	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
35	TANNIN	Stem Bark		5000.0	-0.9527410888855545	Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
23	CITRIC-ACID	Fruit	1000.0	4400.0	-0.5796391543489376	--
28	CALCIUM	Fruit	350.0	4228.0	0.0857767672851336	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
3	ASPARTIC-ACID	Fruit	1760.0	3447.0	-0.8817387558566588	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
8	GLUTAMIC-ACID	Fruit	720.0	3447.0	-0.7619238726554377	USDA's Ag Handbook 8 and sequelae)
112	ASCORBIC-ACID	Leaf	1050.0	3300.0	-0.1377221475912628	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	MUFA	Fruit	660.0	3159.0	-0.20801625375338736	USDA's Ag Handbook 8 and sequelae)
18	OLEIC-ACID	Fruit	660.0	3159.0	-0.45639769015151355	USDA's Ag Handbook 8 and sequelae)
4	PHOSPHORUS	Fruit	129.0	2764.0	-0.13728876007644641	--
13	PALMITIC-ACID	Fruit	460.0	2202.0	-0.3312551270089208	USDA's Ag Handbook 8 and sequelae)
3	ALANINE	Fruit	450.0	2154.0	-0.6105691816515194	USDA's Ag Handbook 8 and sequelae)
31	PSORALEN	Resin, Exudate, Sap	60.0	2090.0		--
112	ASCORBIC-ACID	Fruit	20.0	2013.0	-0.1593267191094614	--
1	SERINE	Fruit	370.0	1771.0	-0.6609128679965077	USDA's Ag Handbook 8 and sequelae)
2	LEUCINE	Fruit	330.0	1580.0	-0.7485549827666241	USDA's Ag Handbook 8 and sequelae)
8	TYROSINE	Fruit	320.0	1532.0	-0.36743580533251863	USDA's Ag Handbook 8 and sequelae)
2	PHYTOSTEROLS	Fruit	310.0	1484.0	0.6939007473840271	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
4	LYSINE	Fruit	300.0	1436.0	-0.69370650187969	USDA's Ag Handbook 8 and sequelae)
47	BETA-SITOSTEROL	Fruit	270.0	1350.0	0.9794982438822163	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
3	VALINE	Fruit	280.0	1340.0	-0.642297851855113	USDA's Ag Handbook 8 and sequelae)
12	GLYCINE	Fruit	250.0	1197.0	-0.9313447483769386	USDA's Ag Handbook 8 and sequelae)
4	THREONINE	Fruit	240.0	1149.0	-0.7768030725741027	USDA's Ag Handbook 8 and sequelae)
3	ISOLEUCINE	Fruit	230.0	1101.0	-0.7619167029962521	USDA's Ag Handbook 8 and sequelae)
65	MAGNESIUM	Fruit	158.0	872.0	-0.5824052321261196	USDA's Ag Handbook 8 and sequelae)
7	PHENYLALANINE	Fruit	180.0	862.0	-0.8544603677807813	USDA's Ag Handbook 8 and sequelae)
14	ARGININE	Fruit	170.0	814.0	-0.9324506266541539	USDA's Ag Handbook 8 and sequelae)
26	BERGAPTEN	Resin, Exudate, Sap	10.0	620.0		--
2	CYSTINE	Fruit	120.0	574.0	-0.4770149932276201	USDA's Ag Handbook 8 and sequelae)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	STEARIC-ACID	Fruit	120.0	574.0	-0.24115490421696825	USDA's Ag Handbook 8 and sequelae)
7	HISTIDINE	Fruit	110.0	527.0	-0.8312546213704974	USDA's Ag Handbook 8 and sequelae)
1	SCHAFTOSIDE	Leaf	300.0	500.0	1.0	--
1	SODIUM	Fruit	10.0	366.0	-0.14924341750343995	USDA's Ag Handbook 8 and sequelae)
29	TRYPTOPHAN	Fruit	60.0	287.0	-0.7907677087791928	USDA's Ag Handbook 8 and sequelae)
15	METHIONINE	Fruit	60.0	287.0	-0.8269303802419685	USDA's Ag Handbook 8 and sequelae)
12	STIGMASTEROL	Fruit	30.0	150.0	0.9081170456403248	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	Fruit	1.0	100.0	1.2094732141242015	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).
6	MYRISTIC-ACID	Fruit	20.0	96.0	-0.26461482182215423	USDA's Ag Handbook 8 and sequelae)
7	SALICYLATES	Fruit	1.8	64.0	-0.1532243345294284	--
6	IRON	Fruit	3.0	57.0	-0.30138454539939624	--
2	CAMPESTEROL	Fruit	10.0	50.0	-0.2347946444898352	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
39	NIACIN	Fruit	3.0	32.0	-0.3836439697079757	--
53	BETA-CAROTENE	Fruit	0.3	16.0	-0.1198729174062354	--
11	PANTOTHENIC-ACID	Fruit	3.0	14.0	-0.26180763476426655	USDA's Ag Handbook 8 and sequelae)
77	ZINC	Fruit	1.0	7.0	-0.7010475051378668	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
14	MANGANESE	Fruit	1.0	7.0	-0.3573804031034436	USDA's Ag Handbook 8 and sequelae)
22	UMBELLIFERONE	Wood		6.0		--
15	RIBOFLAVIN	Fruit	0.0	5.7	0.14792503727695389	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
12	COPPER	Fruit	0.6	3.6	-0.7175060264095684	USDA's Ag Handbook 8 and sequelae)
31	THIAMIN	Fruit	0.0	3.3	-0.2601975950450288	--
24	BENZALDEHYDE	Fruit		1.0	-0.7971374823616315	--
93	TOCOPHEROL	Fruit		1.0	-0.7544576261264118	Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
5	24-METHYLENE-CYCLOARTANOL	Leaf		0.8		--
5	PHYLLOQUINONE	Fruit		0.03	-0.22830354526872618	--
53	LINALOOL	Leaf Essent. Oil				--
76	EUGENOL	Fruit				--
24	ETHANOL	Fruit				--
6	TARTARIC-ACID	Fruit				Abstract (See species file)
6	GUAIAZULENE	Root				--
5	GERANYL-ACETATE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
61	FERULIC-ACID	Plant				--
16	ACETIC-ACID	Fruit Juice				Shiraishi, S. C., Kawakami, K., Widodo, S. E., Shiraishi, M., Kitazaki, M. 1996. Organic acid profiles in the juice of fig fruits. Journal of the Faculty of Agriculture Kyushu University, 41(1-2): 29-33.
9	BETA-AMYRIN	Leaf				--
60	LIMONENE	Leaf Essent. Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	CINNAMIC-ALCOHOL	Fruit				Gibernau, M., Buser, H. R., Frey, J. E., Hossaert-McKey, M. 1997. Volatile compounds from extracts of figs of <i>Ficus carica</i> . <i>Phytochemistry</i> , 46(2): 241-244.
3	QUINOLINE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
6	CINNAMYL-ALCOHOL	Fruit				--
22	UMBELLIFERONE	Leaf				--
18	GUAIACOL	Leaf				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
76	EUGENOL	Flower				--
2	NEOXANTHIN	Leaf				--
31	PSORALEN	Plant				--
6	ACETALDEHYDE	Fruit				--
1	SCHAFTOSIDE	Fruit				--
15	LUTEIN	Fruit				--
22	ISOQUERCITRIN	Fruit				--
6	BUTYRIC-ACID	Fruit Juice				Shiraishi, S. C., Kawakami, K., Widodo, S. E., Shiraishi, M., Kitazaki, M. 1996. Organic acid profiles in the juice of fig fruits. <i>Journal of the Faculty of Agriculture Kyushu University</i> , 41(1-2): 29-33.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
23	ALPHA-TERPINEOL	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
60	CINNAMALDEHYDE	Fruit				--
14	SHIKIMIC-ACID	Fruit				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
2	CRYPTOXANTHIN	Fruit				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
31	PSORALEN	Fruit				--
7	SUCCINIC-ACID	Fruit Juice				Shiraishi, S. C., Kawakami, K., Widodo, S. E., Shiraishi, M., Kitazaki, M. 1996. Organic acid profiles in the juice of fig fruits. Journal of the Faculty of Agriculture Kyushu University, 41(1-2): 29-33.
1	4,6-BENZYLIDENE-D-GLUCOSE	Plant				Jim Duke's personal files.
21	LUPEOL	Leaf				--
3	ISOBUTYL-ACETATE	Fruit				--
26	BERGAPTEN	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
7	LINALYL-ACETATE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
31	CARYOPHYLLENE	Leaf Essent. Oil				--
44	SCOPOLETIN	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
13	BETA-IONONE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
13	PALMITIC-ACID	Leaf				--
9	OXALIC-ACID	Fruit Juice				Shiraishi, S. C., Kawakami, K., Widodo, S. E., Shiraishi, M., Kitazaki, M. 1996. Organic acid profiles in the juice of fig fruits. Journal of the Faculty of Agriculture Kyushu University, 41(1-2): 29-33.
2	ISOAMYL-ACETATE	Fruit				--
9	BENZYL-ALCOHOL	Fruit				--
1	GLYOXYLIC-ACID	Fruit				Abstract (See species file)
13	BETA-PINENE	Leaf Essent. Oil				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	RUBIXANTHIN	Fruit				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
24	VANILLIC-ACID	Wood				--
3	CINNAMYL-ACETATE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
25	P-COUMARIC-ACID	Wood				--
1	MALONIC-ACID	Fruit Juice				Shiraishi, S. C., Kawakami, K., Widodo, S. E., Shiraishi, M., Kitazaki, M. 1996. Organic acid profiles in the juice of fig fruits. Journal of the Faculty of Agriculture Kyushu University, 41(1-2): 29-33.
2	GERMACRENE-D	Leaf Essent. Oil				--
17	ANGELICIN	Fruit				--
3	BETA-DAMASCENONE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
1	QUINIC-ACID	Fruit				--
26	BERGAPTEN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	PHOSPHATIDYL-CHOLINE	Fruit				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
1	GALACTOSE	Leaf				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
31	CARYOPHYLLENE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
64	OLEANOLIC-ACID	Leaf				--
15	MALIC-ACID	Fruit Juice				Shiraishi, S. C., Kawakami, K., Widodo, S. E., Shiraishi, M., Kitazaki, M. 1996. Organic acid profiles in the juice of fig fruits. Journal of the Faculty of Agriculture Kyushu University, 41(1-2): 29-33.
1	ETHYL-VALERATE	Fruit				--
2	GAMMA-CAROTENE	Fruit				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
176	QUERCETIN	Plant				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
21	METHYL-SALICYLATE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
7	FUMARIC-ACID	Fruit				--
2	TRANS-BETA-FARNESENE	Leaf Essent. Oil				--
9	BENZYL-ALCOHOL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
102	CAFFEIC-ACID	Plant				--
22	MYRCENE	Leaf Essent. Oil				--
53	LINALOOL	Fruit				--
75	KAEMPFEROL	Plant				--
1	ETHYL-PROPIONATE	Fruit				--
3	XYLOSE	Leaf				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
6	CARYOPHYLLENE-EPOXIDE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
7	SUCCINIC-ACID	Fruit				--
4	METHYL-BENZOATE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
16	P-CYMENE	Leaf				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
6	SYRINGIC-ACID	Wood				--
17	ANGELICIN	Flower				--
1	MALONIC-ACID	Fruit				--
2	METHYL-BUTYRATE	Fruit				--
15	INDOLE	Fruit				--
2	ETHYL-ISOBUTYRATE	Fruit				--
5	XANTHOTOXOL	Leaf				--
9	BENZYL-ACETATE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	ASTRAGALIN	Fruit				--
12	STIGMASTEROL	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
53	LINALOOL	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
9	OXALIC-ACID	Fruit				--
8	FICIN	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	BORIC-ACID	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

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3	METHYL-ACETATE	Fruit				--
2	GERMACRENE-D	Fruit				--
1	ETHYL-BUTYRATE	Fruit				--
43	XANTHOTOXIN	Leaf				--
3	XANTHOPHYLL	Fruit				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
8	JASMONE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
5	SABINENE	Leaf Essent. Oil				--
30	ANTHOCYANINS	Fruit				--
47	BETA-SITOSTEROL	Leaf				--
2	LUPEOL-ACETATE	Leaf				--
7	FUMARIC-ACID	Fruit Juice				Shiraishi, S. C., Kawakami, K., Widodo, S. E., Shiraishi, M., Kitazaki, M. 1996. Organic acid profiles in the juice of fig fruits. Journal of the Faculty of Agriculture Kyushu University, 41(1-2): 29-33.
6	ETHYL-ACETATE	Fruit				--
2	VIOLAXANTHIN	Fruit				--
2	GERANYL-ACETONE	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
87	RUTIN	Fruit				--
28	ALPHA-PINENE	Leaf Essent. Oil				--