

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ficus carica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
176	QUERCETIN	Plant				--
112	ASCORBIC-ACID	Leaf	1050.0	3300.0	-0.1377221475912628	--
112	ASCORBIC-ACID	Fruit	20.0	2013.0	-0.1593267191094614	--
102	CAFFEIC-ACID	Plant				--
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.
87	RUTIN	Leaf	500.0	14300.0	-0.11676895230429095	--
87	RUTIN	Fruit				--
77	ZINC	Fruit	1.0	7.0	-0.7010475051378668	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
76	EUGENOL	Flower				--
76	EUGENOL	Fruit				--
75	KAEMPFEROL	Plant				--
65	MAGNESIUM	Fruit	158.0	872.0	-0.5824052321261196	USDA's Ag Handbook 8 and sequelae)
64	OLEANOLIC-ACID	Leaf				--
61	FERULIC-ACID	Plant				--
60	CINNAMALDEHYDE	Fruit				--
60	LIMONENE	Leaf Essent. Oil				--
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.
53	LINALOOL	Fruit				--
53	BETA-CAROTENE	Fruit	0.3	16.0	-0.1198729174062354	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
53	LINALOOL	Leaf Essent. Oil				--
47	BETA-SITOSTEROL	Leaf				--
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.)
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.
43	XANTHOTOXIN	Leaf				--
39	NIACIN	Fruit	3.0	32.0	-0.3836439697079757	--
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.
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.
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.
31	PSORALEN	Resin, Exudate, Sap	60.0	2090.0		--
31	PSORALEN	Plant				--
31	PSORALEN	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
31	PSORALEN	Leaf	40.0	8000.0	1.4142045012232562	--
31	CARYOPHYLLENE	Leaf Essent. Oil				--
31	THIAMIN	Fruit	0.0	3.3	-0.2601975950450288	--
30	ANTHOCYANINS	Fruit				--
29	TRYPTOPHAN	Fruit	60.0	287.0	-0.7907677087791928	USDA's Ag Handbook 8 and sequelae)
28	CALCIUM	Leaf		31600.0	0.899384453174466	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
28	CALCIUM	Fruit	350.0	4228.0	0.0857767672851336	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
28	ALPHA-PINENE	Leaf Essent. Oil				--
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.
27	LINOLEIC-ACID	Fruit	1440.0	6893.0	-0.2581500966345183	USDA's Ag Handbook 8 and sequelae)
26	BERGAPTEN	Resin, Exudate, Sap	10.0	620.0		--
26	BERGAPTEN	Fruit				--
26	BERGAPTEN	Leaf	10.0	10300.0	1.7319957626454692	--
26	BERGAPTEN	Plant				--
25	P-COUMARIC-ACID	Wood				--
24	BENZALDEHYDE	Fruit		1.0	-0.7971374823616315	--
24	VANILLIC-ACID	Wood				--
24	ETHANOL	Fruit				--
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.
24	PECTIN	Fruit	9300.0	77900.0	0.2946294404122596	--
23	CITRIC-ACID	Fruit	1000.0	4400.0	-0.5796391543489376	--

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.
22	ISOQUERCITRIN	Fruit				--
22	MYRCENE	Leaf Essent. Oil				--
22	UMBELLIFERONE	Wood		6.0		--
22	UMBELLIFERONE	Leaf				--
21	LUPEOL	Leaf				--
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.
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.
18	OLEIC-ACID	Fruit	660.0	3159.0	-0.45639769015151355	USDA's Ag Handbook 8 and sequelae)
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.
17	ANGELICIN	Flower				--
17	ANGELICIN	Fruit				--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
15	RIBOFLAVIN	Fruit	0.0	5.7	0.14792503727695389	--
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.
15	FIBER	Leaf	47000.0	171000.0	0.11704656450350523	--
15	MALIC-ACID	Fruit		30200.0	1.0144129110026165	--
15	FIBER	Fruit	12000.0	154000.0	0.11629159077726237	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
15	LUTEIN	Fruit				--
15	INDOLE	Fruit				--
15	METHIONINE	Fruit	60.0	287.0	-0.8269303802419685	USDA's Ag Handbook 8 and sequelae)
14	MANGANESE	Fruit	1.0	7.0	-0.3573804031034436	USDA's Ag Handbook 8 and sequelae)
14	POTASSIUM	Fruit	1770.0	11662.0	-0.5533589202887144	--
14	SUCROSE	Fruit	2250.0	460000.0	2.5147011871941167	--
14	ARGININE	Fruit	170.0	814.0	-0.9324506266541539	USDA's Ag Handbook 8 and sequelae)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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				--
13	MUFA	Fruit	660.0	3159.0	-0.20801625375338736	USDA's Ag Handbook 8 and sequelae)
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.
13	BETA-PINENE	Leaf Essent. Oil				--
13	PALMITIC-ACID	Fruit	460.0	2202.0	-0.3312551270089208	USDA's Ag Handbook 8 and sequelae)
12	GLYCINE	Fruit	250.0	1197.0	-0.9313447483769386	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.)
12	COPPER	Fruit	0.6	3.6	-0.7175060264095684	USDA's Ag Handbook 8 and sequelae)
12	STIGMASTEROL	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
11	PANTOTHENIC-ACID	Fruit	3.0	14.0	-0.26180763476426655	USDA's Ag Handbook 8 and sequelae)
9	BENZYL-ACETATE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
9	OXALIC-ACID	Fruit				--
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.
9	BENZYL-ALCOHOL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	BENZYL-ALCOHOL	Fruit				--
9	BETA-AMYRIN	Leaf				--
8	FICIN	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
8	GLUTAMIC-ACID	Fruit	720.0	3447.0	-0.7619238726554377	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.
8	STEARIC-ACID	Fruit	120.0	574.0	-0.24115490421696825	USDA's Ag Handbook 8 and sequelae)
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.
8	TYROSINE	Fruit	320.0	1532.0	-0.36743580533251863	USDA's Ag Handbook 8 and sequelae)
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
7	SUCCINIC-ACID	Fruit				--
7	SALICYLATES	Fruit	1.8	64.0	-0.1532243345294284	--
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.
7	PHENYLALANINE	Fruit	180.0	862.0	-0.8544603677807813	USDA's Ag Handbook 8 and sequelae)
7	ASTRAGALIN	Fruit				--
7	HISTIDINE	Fruit	110.0	527.0	-0.8312546213704974	USDA's Ag Handbook 8 and sequelae)
7	FUMARIC-ACID	Fruit				--
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.
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	CARYOPHILLENE-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.



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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. Journal of the Faculty of Agriculture Kyushu University, 41(1-2): 29-33.
6	ETHYL-ACETATE	Fruit				--
6	TARTARIC-ACID	Fruit				Abstract (See species file)
6	IRON	Fruit	3.0	57.0	-0.30138454539939624	--
6	CINNAMYL-ALCOHOL	Fruit				--
6	MYRISTIC-ACID	Fruit	20.0	96.0	-0.26461482182215423	USDA's Ag Handbook 8 and sequelae)
6	SYRINGIC-ACID	Wood				--
6	GUAIAZULENE	Root				--
6	ACETALDEHYDE	Fruit				--
5	24-METHYLENE-CYCLOARTANOL	Leaf		0.8		--
5	PHYLLOQUINONE	Fruit		0.03	-0.22830354526872618	--
5	SABINENE	Leaf Essent. Oil				--
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.
5	XANTHOTOXOL	Leaf				--
4	PHOSPHORUS	Fruit	129.0	2764.0	-0.13728876007644641	--
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).
4	PUFA	Fruit	1440.0	6893.0	-0.34607037775471583	USDA's Ag Handbook 8 and sequelae)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
4	LYSINE	Fruit	300.0	1436.0	-0.69370650187969	USDA's Ag Handbook 8 and sequelae)
4	THREONINE	Fruit	240.0	1149.0	-0.7768030725741027	USDA's Ag Handbook 8 and sequelae)
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.
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	ALANINE	Fruit	450.0	2154.0	-0.6105691816515194	USDA's Ag Handbook 8 and sequelae)
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.
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.
3	ISOLEUCINE	Fruit	230.0	1101.0	-0.7619167029962521	USDA's Ag Handbook 8 and sequelae)
3	ISOBUTYL-ACETATE	Fruit				--
3	METHYL-ACETATE	Fruit				--
3	VALINE	Fruit	280.0	1340.0	-0.642297851855113	USDA's Ag Handbook 8 and sequelae)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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.
3	MUCILAGE	Fruit		8000.0	-0.6131393394849656	--
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.
3	ASPARTIC-ACID	Fruit	1760.0	3447.0	-0.8817387558566588	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
2	LEUCINE	Fruit	330.0	1580.0	-0.7485549827666241	USDA's Ag Handbook 8 and sequelae)
2	CYSTINE	Fruit	120.0	574.0	-0.4770149932276201	USDA's Ag Handbook 8 and sequelae)
2	ETHYL-ISOBUTYRATE	Fruit				--
2	PHYTOSTEROLS	Fruit	310.0	1484.0	0.6939007473840271	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
2	METHYL-BUTYRATE	Fruit				--
2	VIOLAXANTHIN	Fruit				--
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.
2	NEOXANTHIN	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	TRANS-BETA-FARNESENE	Leaf Essent. Oil				--
2	ISOAMYL-ACETATE	Fruit				--
2	LUPEOL-ACETATE	Leaf				--
2	GERMACRENE-D	Leaf Essent. Oil				--
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.)
2	GERMACRENE-D	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.
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.
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.
1	GLYOXYLIC-ACID	Fruit				Abstract (See species file)
1	MALONIC-ACID	Fruit				--
1	ETHYL-BUTYRATE	Fruit				--
1	QUINIC-ACID	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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.
1	BORIC-ACID	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
1	SODIUM	Fruit	10.0	366.0	-0.14924341750343995	USDA's Ag Handbook 8 and sequelae)
1	SERINE	Fruit	370.0	1771.0	-0.6609128679965077	USDA's Ag Handbook 8 and sequelae)
1	SCHAFTOSIDE	Leaf	300.0	500.0	1.0	--
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.
1	SCHAFTOSIDE	Fruit				--
1	ETHYL-VALERATE	Fruit				--
1	4,6-BENZYLIDENE-D-GLUCOSE	Plant				Jim Duke's personal files.
1	ETHYL-PROPIONATE	Fruit				--
0	TRANS-CARYOPHYLLENE	Fruit				--
0	6-O-ACYL-BETA-D-GLUCOSYL-BETA-SITOSTEROL	Latex Exudate				--
0	KAEMPFEROL-3-O-BETA-D-RUTINOSIDE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	FRUIT-ACIDS	Fruit	1000.0	4400.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	GLYCOSIDES	Fruit		500.0	1.0	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.
0	RUBBER	Bark		1220.0		--
0	POLYSACCHARIDES	Leaf		48000.0		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.
0	CIS-HEXENYL-TIGLATE	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.
0	(+)-MARMESIN	Leaf		0.9		--
0	FICUSIN	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	N-N-DIMETHYL-ANTHRANILATE	Leaf				--
0	ASH	Leaf	53000.0	167000.0	0.8483140717579525	--
0	LYSOPHOSPHATIDYLETHANOLAMINE	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.
0	SUGARS	Fruit	68500.0	896800.0	2.817549934205557	Korean J. Food Sci. Techn. 13(2): 166. 1981.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	FRUIT-ACIDS	Stem Bark		14000.0		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.
0	KILOCALORIES	Fruit	420.0	3600.0	-0.09196802900131361	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	COUMARINS	Leaf		8000.0	-1.0	--
0	RHAMNOSE	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.
0	ISOSCHAFTOSIDE	Leaf	300.0	500.0	1.0	--
0	ACIDS	Fruit	900.0	10800.0		--
0	FICUSOGENIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	WATER	Leaf		676000.0	-0.6567380084287215	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	PSORALEN-GLYCOSIDE	Fruit				--
0	PHYTOIN	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.
0	CIS-HEXENYL-BUTYRATE	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
0	N-N-DIETHYL-LEUCINE	Leaf				--
0	ASH	Fruit	5000.0	57000.0	0.008707046333782076	--
0	EPSILOM-TARAXASTEROL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	CAROTENOIDS	Fruit	16.0	43.0	-0.5017046914201104	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.
0	PHYTOFLUENE	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.
0	FICIN-S	Latex Exudate				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.
0	2-METHYL-BUTYL-ACETATE	Fruit				--
0	FICIN-D	Latex Exudate				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.
0	WATER	Fruit	250000.0	877000.0	0.4627426591407891	--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PHOSPHATIDYL-SERINE	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.
0	ETHYL-2-METHYL-BUTYRATE	Fruit				--
0	ALPHA-TARAXASTEROL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	BAURENOL	Leaf		1.5		--
0	PHOSPHATIDYL-GLYCEROL	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.
0	FICIN-B	Latex Exudate				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.
0	ISOSCHAFTOSIDE	Fruit				--
0	BENZYLALDEHYDE	Fruit				--
0	ISOBUTYL-ISOVALERATE	Fruit				--
0	FICIN-C	Latex Exudate				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.
0	VIT-B-6	Fruit	1.0	5.4	-0.471669299127116	USDA's Ag Handbook 8 and sequelae)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CADALENE	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.
0	PHOSPHATIDYL-INOSITOL	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.
0	BETA-CYCLOCITRAL	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.
0	4-METHYL-PYRIDINE	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.
0	PHOSPHATIDINIC-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.
0	DIMETHYL-N,N-DIMETHYLANTHRANILATE	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.
0	CHLOROPHYLL-B	Fruit	7.0	10.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PYRROLIDINE-CARBOXYLIC-ACID	Fruit				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.
0	FICIN-A	Latex Exudate				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.
0	REDUCING-SUGARS	Fruit	67700.0	884000.0	1.2804118302412564	Korean J. Food Sci. Techn. 13(2): 166. 1981.
0	GALACTURONIC-ACID	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.
0	PHOSPHATIDYL-ETHANOLAMINE	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.
0	PENTOSANS	Fruit		8300.0	-0.785002127432849	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	DIMETHYL-ACETAL	Fruit				--
0	6-HEXENYL-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
0	ALKALOIDS	Stem Bark				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.
0	METHYL-N,N-DIMETHYLLEUCINE-METHYL-ESTER	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.
0	DIACYLGLYCEROL	Fruit		1.0		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.
0	TRANS-BETA-OCIMENE	Leaf Essent. Oil				--
0	CHLOROPHYLL-A	Fruit	10.0	18.0		--
0	ISOBUTANOL	Fruit				--
0	FAT	Stem Bark		27000.0		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.
0	PHYTATE	Fruit	3850.0	5570.0	-0.009783126468480976	--
0	PSOBERAN	Leaf				--
0	PENTOSAN	Leaf		36000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	3-HYDROXY-2-BUTANONE	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.
0	MARMESIN	Leaf				--
0	ARACHIDIC-ACID	Seed	2520.0	3150.0	-0.3474356612835965	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ACYLMONO GALACTOSYLDIGLYCERIDE	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.
0	METHYL-N,N-DIMETHYLANTHRANILATE	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.
0	FAT	Seed	240000.0	300000.0	0.18231593776493718	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	INVERT-SUGAR	Fruit	500000.0	700000.0		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	PSEUDOTARAXASTEROL	Leaf	43000.0	142000.0		--
0	CEROTINIC-ACID	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	CIS-HEXENYL-2-METHYLBUTYRATE	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.
0	FURANOCOUMARIN	Leaf		600.0		--
0	PROPYL-ACETATE	Fruit				--
0	MONOGALACTOSYLDIGLYCEIDE	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.
0	APIGENIN-4,6-ARABINOSYL-8-C-GLUCOSIDE	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.
0	SUFLOQUINOVOSYL-DIGLYCERIDE	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.
0	ARABINOSE	Fruit				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.
0	HYDROXY-ALPHA-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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-FARNESENE	Leaf Essent. Oil				--
0	6-O-ACYL-BETA-D-STEARYL-BETA-SITOSTEROL	Latex Exudate				--
0	LYSOPHOSPHATIDYLCHOLINE	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.
0	LIPASE	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	FAT	Leaf	17000.0	59000.0	0.05057198773678454	--
0	SFA	Fruit	600.0	2872.0	-0.3160918707344408	USDA's Ag Handbook 8 and sequelae)
0	FURANOCOUMARINS	Leaf		600.0	0.9999999999999998	--
0	CAROTENE	Leaf		20.0	-0.9857444292941777	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	PROTEIN	Leaf	43000.0	142000.0	-0.6967718536719686	--
0	EO	Leaf		700.0	-0.9530472436545746	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.
0	HYDROXYCARYOPHYLLEN	Fruit				--
0	MONOACYLGLYCEROL	Fruit		1.0		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
0	TRIACYLGLYCEROL	Fruit	1.0	4.0		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.
0	APIGENIN-GLYCOSIDES	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.
0	GUMS	Stem Bark		16000.0		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.
0	ACETOIN	Fruit				--
0	6-O-ACYL-BETA-D-PALMITOYL-BETA-SITOSTEROL	Latex Exudate				--
0	LINOLENIC-ACID	Seed	115200.0	144000.0	1.9340210141695824	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	FAT	Fruit	2000.0	24000.0	-0.4579420202880649	--
0	LINALOOL-OXIDE	Fruit				--
0	HEMICELLULOSE	Fruit		11200.0	-1.0	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.
0	CARBOHYDRATES	Leaf	164000.0	632000.0	0.160247845003506	--
0	PROTEIN	Fruit	3300.0	130000.0	0.27483098618593194	--
0	FUROCOUMARINIC-ACID-O-BETA-D-GLUCOFURANOSIDE	Leaf		1200.0		--



Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	DIPHOSPHATIDYL-GLYCEROL	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.
0	APIGENIN-4,6-C-GLUCOSYL-8-C-ARABINOSIDE	Fruit	4.0	5.0		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.
0	FUCOGENIN	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.
0	CALOTROPENOL-ACETATE	Leaf				--
0	CINNAMONITRILE	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.
0	6-O-ACYL-BETA-D-OLEYL-BETA-SITOSTEROL	Latex Exudate				--
0	ESTERASE	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ALKALOIDS	Leaf	1700.0	2600.0	-0.43494161861176067	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.
0	CARBOHYDRATES	Fruit	98000.0	918143.0	0.7233118014806457	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	RESIN	Leaf		22000.0	-1.6462326775246163	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.
0	PROTEASE	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	DIGALACTOSYLDIGLYCEIDE	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.
0	METHYL-N,N-DIMETHYLLEUCINE-ETHYL-ESTER	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.
0	CEREBROSIDE	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.
0	STEROL-DIGLYCOSIDE	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.
0	6-O-ACYL-BETA-D-LINOLEYL-BETA-SITOSTEROL	Latex Exudate				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ISOBUTYL-4-METHYLPYRIDINE	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.
0	CINNAMIC-ALDEHYDE	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.
0	DIASTASE	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ALKALOIDS	Fruit		500.0	-0.774085806580606	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.
0	CAOUTCHOUC	Latex Exudate		24000.0	-0.6922642528926972	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	POLYSACCHARIDES	Stem Bark		14000.0		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.
0	PROLINE	Fruit	490.0	2346.0	-0.4560899733881857	USDA's Ag Handbook 8 and sequelae)
0	4',5'-DIHYDROPSORALEN	Leaf				--
0	CERAMBPHOSPHATINOOLIGOSIDE	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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	FLAVONOIDS	Leaf		5300.0	-0.7461132427811843	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.
0	N-N-DIMETHYL-LEUCINE	Leaf				--
0	CERAMBIDOLIGOSIDE	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.
0	SAFRANAL	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.