

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Ficus carica*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	WATER	Fruit	250000.0	877000.0	0.4627426591407891	--
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	CARBOHYDRATES	Leaf	164000.0	632000.0	0.160247845003506	--
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	CARBOHYDRATES	Fruit	98000.0	918143.0	0.7233118014806457	--
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.
0	SUGARS	Fruit	68500.0	896800.0	2.817549934205557	Korean J. Food Sci. Techn. 13(2): 166. 1981.
0	REDUCING-SUGARS	Fruit	67700.0	884000.0	1.2804118302412564	Korean J. Food Sci. Techn. 13(2): 166. 1981.
0	ASH	Leaf	53000.0	167000.0	0.8483140717579525	--
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.
15	FIBER	Leaf	47000.0	171000.0	0.11704656450350523	--
0	PSEUDOTARAXASTEROL	Leaf	43000.0	142000.0		--
0	PROTEIN	Leaf	43000.0	142000.0	-0.6967718536719686	--
0	FAT	Leaf	17000.0	59000.0	0.05057198773678454	--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	FIBER	Fruit	12000.0	154000.0	0.11629159077726237	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
24	PECTIN	Fruit	9300.0	77900.0	0.2946294404122596	--
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.
0	ASH	Fruit	5000.0	57000.0	0.008707046333782076	--
0	PHYTATE	Fruit	3850.0	5570.0	-0.009783126468480976	--
0	PROTEIN	Fruit	3300.0	130000.0	0.27483098618593194	--
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.
14	SUCROSE	Fruit	2250.0	460000.0	2.5147011871941167	--
0	FAT	Fruit	2000.0	24000.0	-0.4579420202880649	--
14	POTASSIUM	Fruit	1770.0	11662.0	-0.5533589202887144	--
3	ASPARTIC-ACID	Fruit	1760.0	3447.0	-0.8817387558566588	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
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)
112	ASCORBIC-ACID	Leaf	1050.0	3300.0	-0.1377221475912628	--
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.
23	CITRIC-ACID	Fruit	1000.0	4400.0	-0.5796391543489376	--
0	ACIDS	Fruit	900.0	10800.0		--
8	GLUTAMIC-ACID	Fruit	720.0	3447.0	-0.7619238726554377	USDA's Ag Handbook 8 and sequelae)

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)
0	SFA	Fruit	600.0	2872.0	-0.3160918707344408	USDA's Ag Handbook 8 and sequelae)
87	RUTIN	Leaf	500.0	14300.0	-0.11676895230429095	--
0	PROLINE	Fruit	490.0	2346.0	-0.4560899733881857	USDA's Ag Handbook 8 and sequelae)
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)
0	KILOCALORIES	Fruit	420.0	3600.0	-0.09196802900131361	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
1	SERINE	Fruit	370.0	1771.0	-0.6609128679965077	USDA's Ag Handbook 8 and sequelae)
28	CALCIUM	Fruit	350.0	4228.0	0.0857767672851336	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)
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
1	SCHAFTOSIDE	Leaf	300.0	500.0	1.0	--
0	ISOSCHAFTOSIDE	Leaf	300.0	500.0	1.0	--
4	LYSINE	Fruit	300.0	1436.0	-0.69370650187969	USDA's Ag Handbook 8 and sequelae)
3	VALINE	Fruit	280.0	1340.0	-0.642297851855113	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.)
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)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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)
65	MAGNESIUM	Fruit	158.0	872.0	-0.5824052321261196	USDA's Ag Handbook 8 and sequelae)
4	PHOSPHORUS	Fruit	129.0	2764.0	-0.13728876007644641	--
2	CYSTINE	Fruit	120.0	574.0	-0.4770149932276201	USDA's Ag Handbook 8 and sequelae)
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)
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)
31	PSORALEN	Resin, Exudate, Sap	60.0	2090.0		--
31	PSORALEN	Leaf	40.0	8000.0	1.4142045012232562	--
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.)
112	ASCORBIC-ACID	Fruit	20.0	2013.0	-0.1593267191094614	--
6	MYRISTIC-ACID	Fruit	20.0	96.0	-0.26461482182215423	USDA's Ag Handbook 8 and sequelae)
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.
26	BERGAPTEN	Leaf	10.0	10300.0	1.7319957626454692	--
26	BERGAPTEN	Resin, Exudate, Sap	10.0	620.0		--
0	CHLOROPHYLL-A	Fruit	10.0	18.0		--
1	SODIUM	Fruit	10.0	366.0	-0.14924341750343995	USDA's Ag Handbook 8 and sequelae)

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.)
0	CHLOROPHYLL-B	Fruit	7.0	10.0		--
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.
11	PANTOTHENIC-ACID	Fruit	3.0	14.0	-0.26180763476426655	USDA's Ag Handbook 8 and sequelae)
39	NIACIN	Fruit	3.0	32.0	-0.3836439697079757	--
6	IRON	Fruit	3.0	57.0	-0.30138454539939624	--
7	SALICYLATES	Fruit	1.8	64.0	-0.1532243345294284	--
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.
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)
0	VIT-B-6	Fruit	1.0	5.4	-0.471669299127116	USDA's Ag Handbook 8 and sequelae)
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).
12	COPPER	Fruit	0.6	3.6	-0.7175060264095684	USDA's Ag Handbook 8 and sequelae)
53	BETA-CAROTENE	Fruit	0.3	16.0	-0.1198729174062354	--
31	THIAMIN	Fruit	0.0	3.3	-0.2601975950450288	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
15	RIBOFLAVIN	Fruit	0.0	5.7	0.14792503727695389	--
31	CARYOPHYLLENE	Leaf Essent. Oil				--
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.
7	FUMARIC-ACID	Fruit				--
13	PALMITIC-ACID	Leaf				--
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.
0	LINALOOL-OXIDE	Fruit				--
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				--

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.
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.
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.
0	FUROCUMARINIC-ACID-O-BETA-D-GLUCOFURANOSIDE	Leaf		1200.0		--
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.
2	GERMACRENE-D	Fruit				--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
0	FUCOSOGENIN	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.
25	P-COUMARIC-ACID	Wood				--
9	BETA-AMYRIN	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.
76	EUGENOL	Fruit				--
0	ESTERASE	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	SCHAFTOSIDE	Fruit				--
53	LINALOOL	Leaf Essent. Oil				--
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.
3	MUCILAGE	Fruit		8000.0	-0.6131393394849656	--

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.
0	6-O-ACYL-BETA-D-OLEYL-BETA-SITOSTEROL	Latex Exudate				--
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.
6	GUAIAZULENE	Root				--
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.
5	SABINENE	Leaf Essent. Oil				--
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.
1	ETHYL-VALERATE	Fruit				--
0	DIGALACTOSYLDIGLKYCEIDE	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
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.
1	4,6-BENZYLIDENE-D-GLUCOSE	Plant				Jim Duke's personal files.
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.
13	BETA-PINENE	Leaf Essent. Oil				--
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.
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.
64	OLEANOLIC-ACID	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	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.
60	LIMONENE	Leaf Essent. Oil				--
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.
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.
6	ACETALDEHYDE	Fruit				--
0	6-O-ACYL-BETA-D-LINOLEYL-BETA-SITOSTEROL	Latex Exudate				--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
5	XANTHOTOXOL	Leaf				--
87	RUTIN	Fruit				--
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.
1	ETHYL-PROPIONATE	Fruit				--
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.
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.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
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				--
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.
26	BERGAPTEN	Plant				--
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.
0	KAEMPFEROL-3-O-BETA-D-RUTINOSIDE	Fruit				--
0	TRANS-CARYOPHYLLENE	Fruit				--
0	6-O-ACYL-BETA-D-GLUCOSYL-BETA-SITOSTEROL	Latex Exudate				--
1	GLYOXYLIC-ACID	Fruit				Abstract (See species file)
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.
43	XANTHOTOXIN	Leaf				--
0	RUBBER	Bark		1220.0		--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	CALCIUM	Leaf		31600.0	0.899384453174466	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
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.
2	ETHYL-ISOBUTYRATE	Fruit				--
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		--
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.
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.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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	LYSOPHOSPHATIDYLETHA NOLAMINE	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.
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	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.
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	FICUSOGENIN	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	MALONIC-ACID	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.

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	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.
1	ETHYL-BUTYRATE	Fruit				--
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.
5	24-METHYLENE-CYCLOARTANOL	Leaf		0.8		--
9	BENZYL-ACETATE	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
8	FICIN	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	SUCCINIC-ACID	Fruit				--
0	N-N-DIETHYL-LEUCINE	Leaf				--
0	EPSILOM-TARAXASTEROL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	OXALIC-ACID	Fruit				--
24	BENZALDEHYDE	Fruit		1.0	-0.7971374823616315	--
75	KAEMPFEROL	Plant				--
26	BERGAPTEN	Fruit				--
0	2-METHYL-BUTYL-ACETATE	Fruit				--
1	QUINIC-ACID	Fruit				--
22	ISOQUERCITRIN	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.
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.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
102	CAFFEIC-ACID	Plant				--
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.
6	ETHYL-ACETATE	Fruit				--
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.
0	ETHYL-2-METHYL-BUTYRATE	Fruit				--
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.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
12	STIGMASTEROL	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
22	MYRCENE	Leaf Essent. Oil				--
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		--
9	BENZYL-ALCOHOL	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ISOSCHAFTOSIDE	Fruit				--
0	BENZYLALDEHYDE	Fruit				--
24	VANILLIC-ACID	Wood				--
176	QUERCETIN	Plant				--
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.
15	MALIC-ACID	Fruit		30200.0	1.0144129110026165	--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
31	PSORALEN	Plant				--
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.
24	ETHANOL	Fruit				--
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.
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.
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.
2	METHYL-BUTYRATE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
7	ASTRAGALIN	Fruit				--
17	ANGELICIN	Flower				--
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.
9	BENZYL-ALCOHOL	Fruit				--
22	UMBELLIFERONE	Wood		6.0		--
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.
3	ISOBUTYL-ACETATE	Fruit				--
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.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
31	PSORALEN	Fruit				--
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.
6	TARTARIC-ACID	Fruit				Abstract (See species file)
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.
2	VIOLAXANTHIN	Fruit				--
15	LUTEIN	Fruit				--
61	FERULIC-ACID	Plant				--
3	METHYL-ACETATE	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
30	ANTHOCYANINS	Fruit				--
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.
17	ANGELICIN	Fruit				--
0	TRANS-BETA-OCIMENE	Leaf Essent. Oil				--
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.
53	LINALOOL	Fruit				--
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
1	BORIC-ACID	Fruit				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
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.
0	PENTOSAN	Leaf		36000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
6	CINNAMYL-ALCOHOL	Fruit				--
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.
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.
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.
0	PSOBERAN	Leaf				--
21	LUPEOL	Leaf				--
0	MARMESIN	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
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.
2	NEOXANTHIN	Leaf				--
28	ALPHA-PINENE	Leaf Essent. Oil				--
0	ACYLMONOGALACTOSYLDIGLYCERIDE	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.
2	TRANS-BETA-FARNESENE	Leaf Essent. Oil				--
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.
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	ISOAMYL-ACETATE	Fruit				--
76	EUGENOL	Flower				--
15	INDOLE	Fruit				--
5	PHYLLOQUINONE	Fruit		0.03	-0.22830354526872618	--

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	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.
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.
60	CINNAMALDEHYDE	Fruit				--
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	FURANOCOUMARIN	Leaf		600.0		--
22	UMBELLIFERONE	Leaf				--
0	PROPYL-ACETATE	Fruit				--
47	BETA-SITOSTEROL	Leaf				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	LIPASE	Latex Exudate				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	LUPEOL-ACETATE	Leaf				--
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.
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	FURANOCOUMARINS	Leaf		600.0	0.9999999999999998	--
6	SYRINGIC-ACID	Wood				--
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.
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.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	GERMACRENE-D	Leaf Essent. Oil				--
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 E	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.