

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Abelmoschus moschatus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	WATER	Seed		114000.0	-0.43595782900284474	Wealth of India.
0	TRANS-TRANS-FARNESYL-ACETATE	Seed				--
12	STIGMASTEROL	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
4	STERCULIC-ACID	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
5	STARCH	Seed	133500.0	150000.0	-0.6485575814204301	Wealth of India.
0	RESIN	Seed		65000.0	-0.4413089361281032	Wealth of India.
2	QUERCETIN-3'-GLUCOSIDE	Flower				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.
176	QUERCETIN	Flower				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	PROTEIN	Seed	23000.0	26000.0	-1.8484536336472293	Wealth of India.
0	PINEOL	Plant				J.S. Glasby Dict.Plis Containing 2ndary Metabolite. 1991.
0	PHOSPHATIDYLSERINE-PLASMALOGEN	Plant				--
0	PHOSPHATIDYLSERINE-PLASMALOGEN	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	PHOSPHATIDYLCHOLINE-PLASMALOGEN	Plant				--
0	PHOSPHATIDYLCHOLINE-PLASMALOGEN	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	PHOSPHATIDYL-SERINE	Seed				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.
13	PALMITIC-ACID	Plant				--
13	PALMITIC-ACID	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	OXACYCLONNONADEC-10-EN-2-ONE	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
18	OLEIC-ACID	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
6	MYRISTIC-ACID	Plant				--
6	MYRISTIC-ACID	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	MYRICICETIN-3'-GLUCOSIDE	Flower				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	MYRICICETIN	Flower				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	MUCILAGE	Root				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	METHIONINE-SULFOXIDE	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

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0	METHIONINE-SULFOXIDE	Plant				--
0	MALVALIC-ACID	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	KAEMPFEROL-3-O-GLUCOSIDE	Flower				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.
75	KAEMPFEROL	Flower				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	FURFURAL	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
15	FIBER	Seed	314600.0	370000.0	1.8573465898447123	Wealth of India.
0	FAT	Seed	145000.0	164000.0	-0.5340447093251126	Wealth of India.
17	FARNESOL	Seed		1200.0	1.0	--
5	ERGOSTEROL	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	EO	Seed	2000.0	6000.0	-0.47464874093459924	--
0	DECYL-ALCOHOL	Seed		350.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	DECYL-ACETATE	Seed		350.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	CHOLESTEROL	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

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2	CAMPESTEROL	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
0	BETA-SITOSTEROL-BETA-D-GLYCOSIDE	Seed				Wealth of India.
47	BETA-SITOSTEROL	Seed				Wealth of India.
0	AMBRETTOLIDE(=7-HEXADECEN-16-OLIDE)	Seed				--
1	AMBRETTOLIDE	Seed	4.0	6.0		--
0	AMBRETTOLIC-ACID	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	AMBRETTOL	Plant				--
0	ALPHA-CEPHALIN	Seed				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.
16	ACETIC-ACID	Plant				--
16	ACETIC-ACID	Seed				Wealth of India.
0	5-TETRADECENYL-ACETATE	Seed		20.0		--
0	5-TETRADECEN-14-OLIDE	Seed		25.0		--
0	5-DODECENYL-ACETATE	Seed		1.0		--
0	2-TRANS-6-TRANS-FARNESOL	Seed				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
0	12,13-EPOXYOLEIC-ACID	Seed				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	(Z)-5-TETRADECENYL-ACETATE	Seed	8.0	24.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	(Z)-5-TETRADECEN-14-OLIDE	Seed	10.0	30.0		--
0	(Z)-5-DODECENYL-ACETATE	Seed	0.2	0.6		--