

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Malva sylvestris*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
30	ANTHOCYANINS	Flower	--	70000	1	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
112	ASCORBIC-ACID	Leaf	240	2855	-0.17901247712954232	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	ASH	Leaf	13000	155000	0.636888803685202	
53	BETA-CAROTENE	Leaf	33	390	0.5604899907202987	
28	CALCIUM	Leaf	900	10715	-0.5276384207392277	
0	CARBOHYDRATES	Leaf	21000	250000	-2.8776511206714623	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	D-GALACTOSE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	FAT	Leaf	14000	14000	-0.8461334634533975	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	FAT	Seed	97000	167000	-0.518242636227538	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	FIBER	Leaf	9000	107000	-0.6743868261942322	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	GALACTURONIC-ACID	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	GOSSYPETIN-3-GLUCOSIDE-8-GLUCURONIDE	Leaf	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	GOSSYPIN-3-SULFATE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
0	HYPOLAETIN-8-GLUCURONIDE	Leaf	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	HYPOLETIN-8-O-BETA-D-GLUCOSIDE-3'-SULFATE	Plant	--	--		J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
6	IRON	Leaf	37	440	0.194706369856968	
0	KILOCALORIES	Leaf	280	3330	0.5027842271594564	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	L-ARABINOSE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	L-RHAMNOSE	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	LEUCOCYANIDINS	Flower	--	1000		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
6	MALVIDIN	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	MALVIDIN-3,5-DIGLUCOSIDE	Flower	--	35000		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
0	MALVIDIN-3-GLUCOSIDES	Flower	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
2	MALVIN	Flower	--	35000		
2	MALVIN	Plant	--	--		
3	MUCILAGE	Plant	--	--		
3	MUCILAGE	Flower	80000	100000	0.8352459732035825	Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
39	NIACIN	Leaf	4	60	-0.4561439544418499	
0	NITROGEN	Leaf	3300	3300	-2.022842299776313	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
4	PHOSPHORUS	Leaf	360	5000	0.005251991888756623	
0	PROTEIN	Seed	190000	198000	-0.31842455862430724	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
0	PROTEIN	Leaf	36000	429000	2.166330453094253	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
15	RIBOFLAVIN	Leaf	2	35	-0.013799526623899577	
31	THIAMIN	Leaf	1	20	2.4373528436116003	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	WATER	Leaf	920000	920000	0.5605735854599573	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.