

List of Plants

THEOBROMINE

Chemid

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Dosage

LD50=789 mg/kg (ipr mus) Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.

LD50=200 (orl cat)

LD50=1,356 mg/kg (orl mus) Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.

LD50=950 mg/kg (orl rat) Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Camellia sinensis	Anther	--	--		*
Camellia sinensis	Leaf	500.0	1100.0	-1.0	*
Camellia sinensis	Seed Coat	--	--		*
Camellia sinensis	Flower	--	--		*
Camellia japonica	Leaf	--	--		Wealth of India.
Camellia sinensis	Stem	--	--		*
Camellia sinensis	Pericarp	--	--		*
Camellia japonica	Flower	--	--		*
Camellia sinensis	Seed	--	--		*
Coffea arabica	Seed	18.0	20.0	-0.5	*
Coffea arabica	Leaf	--	--		*
Cola acuminata	Seed	--	1000.0	-0.42	*
Ilex paraguariensis	Leaf	960.0	5000.0	1.0	*
Paullinia cupana	Seed	200.0	400.0	-0.47	*
Theobroma bicolor	Seed	1139.0	1710.0	-0.37	*
Theobroma angustifolium	Testa	294.0	332.0	-1.35	*
Theobroma cacao	Testa	936.0	13000.0	1.04	*
Theobroma bicolor	Petiole	117.0	129.0	0.01	*
Theobroma angustifolium	Seed	330.0	368.0	-0.47	*
Theobroma cacao	Seed	10000.0	35000.0	2.23	*
Theobroma bicolor	Testa	8787.0	9158.0	0.31	*
Theobroma bicolor	Fruit	1435.0	1468.0		*
Theobroma angustifolium	Petiole	30.0	32.0	-1.23	*
Theobroma cacao	Petiole	174.0	223.0	1.22	*