

P **Coccinia grandis**

Common Name(s)

Ivy Gourd, Kanduri, Kundree, Little Gourd, Pepasan, Tindora, Tindori

How Used

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Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	29-HYDROXYLUPEOL	Seed	--	--	Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokaroundiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. <i>Phytochemistry</i> , 46(7): 1261-1266.
0	3-BETA-7-STIGMASTENOL	Root	--	--	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	3-O-BETA-[ALPHA-L-ARABINOPYRANOSYL-(1,2)-BETA-D-GLUCOPYRANOSYL-(1,3)]-BETA-HYDROXYLUP-20(29)-EN-28-OIC-ACID	Root	--	27	
0	5-METHYLCYTOSINE	Fruit	--	--	
0	7-OXOSTIGMAST-5-EN-3-BETA-OL	Seed	--	--	Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokaroundiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. <i>Phytochemistry</i> , 46(7): 1261-1266.
1	AMYLASE	Juice	--	--	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
14	ARGININE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
112	ASCORBIC-ACID	Fruit	280	4058	-0.03217476897788363	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ASH	Fruit	5000	72465	0.40917859427818193	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	ASPARAGIC-ACID	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
2	ASPARAGINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
9	BETA-AMYRIN	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
4	BETA-AMYRIN-ACETATE	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
53	BETA-CAROTENE	Fruit	15.6	226	0.28605329897654624	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	BETA-PYRAZOL-1-YL-ALANINE	Seed	--	--		Dunnill, P. M., Fowden, L. 1965. The Amino Acids of Seeds of the Cucurbitaceae. Phytochemistry, 4: 933-944.
47	BETA-SITOSTEROL	Leaf	--	--		
47	BETA-SITOSTEROL	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

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47	BETA-SITOSTEROL	Fruit	--	--		
13	BETULIN	Seed	--	--		Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokaroundiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. <i>Phytochemistry</i> , 46(7): 1261-1266.
102	CAFFEIC-ACID	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
28	CALCIUM	Fruit	400	5600	0.4023799993817195	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	CARBOHYDRATES	Fruit	35000	507245	-1.4739709673252743	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
5	CITRULLINE	Seed	--	--		Dunnill, P. M., Fowden, L. 1965. The Amino Acids of Seeds of the Cucurbitaceae. <i>Phytochemistry</i> , 4: 933-944.
8	CUCURBITACIN-B	Fruit	--	--		
5	DAUCOSTEROL	Fruit	--	--		
0	DELTA-7-STIGMASTENONE-(3)	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	ERYTHRODIOL	Seed	--	--		Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokaroundiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. <i>Phytochemistry</i> , 46(7): 1261-1266.
0	FAT	Fruit	1000	14490	-0.5305786353344198	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
15	FIBER	Fruit	16000	231885	0.8512518898621899	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	GAMMA-GLUTAMYL-BETA-PYRAZOL-1-YL-ALANINE	Seed	--	--		Dunnill, P. M., Fowden, L. 1965. The Amino Acids of Seeds of the Cucurbitaceae. <i>Phytochemistry</i> , 4: 933-944.
8	GLUTAMIC-ACID	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
7	HISTIDINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
1	HYDROXYPROLINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
6	IRON	Fruit	14	203	0.27775810471035356	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	KAROUNIDIOL	Seed	--	--		Akihisa, T., Kimura, Y., Kasahara, Y., Kumaki, K., Thakur, S., Tamura, T. 1997. 7-oxodihydrokarounidiol-3-benzoate and other triterpenes from the seeds of cucurbitaceae. <i>Phytochemistry</i> , 46(7): 1261-1266.
21	LUPEOL	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	OMBUIN-3-O-ARABINOFURANOSIDE	Root	123	125		
7	PHENYLALANINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Chemical Plant Part		Low PPM	High PPM	StdDev	Reference	Citation
4	PHOSPHORUS	Fruit	300	4350	0.34444254431398735	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
0	PROTEIN	Fruit	12000	173915	0.8635306572510749	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
1	SERINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	TARAXERONE	Fruit	--	--		
4	THREONINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
8	TYROSINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
3	VALINE	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
0	WATER	Fruit	--	931000	0.6975397137381031	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.