

P Pistacia vera

Common Name(s)

Pistachio

How Used

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Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference	Citation
0	3,11,13-TRIHIDROXYOLEANANE	Plant	--	--		
0	9,10-CYCLO-2,4-MENTHANEDIOL	Plant	--	--		
0	9,10-CYCLO-2,4-MENTHEN-4-OL	Plant	--	--		
3	ALANINE	Seed	9940	10340	0.039067240568968556	
15	ALPHA-LINOLENIC-ACID	Seed	2520	2621	-0.27919187192471484	
32	ALPHA-TOCOPHEROL	Seed	52	54	-0.5594440363886509	
5	ALUMINUM	Seed	9	9	-0.3486691215002131	
0	ANTIMONY	Seed	0.05	0.05	-0.8363839176601287	
14	ARGININE	Seed	21860	22740	-0.0804696041459761	
2	ARSENIC	Seed	0.02	0.02	-0.6237689826185465	
0	ASH	Seed	24000	33000	-0.44755855178079296	

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3	ASPARTIC-ACID	Seed 21160	22012	-0.051221228200545865		
0	BARIUM	Seed 0.1	0.1	-0.27939450847576075		
53	BETA-CAROTENE	Seed 1.38	1.46	-0.33804505534737583		
47	BETA-SITOSTEROL	Seed --	--			
4	BORON	Seed 11	11	-0.6219400628741869		
0	BROMINE	Seed 16	16	0.14706364394924293		
3	CADMIUM	Seed 0.04	0.04	-0.32848425565653566		
28	CALCIUM	Seed 1066	1464	-0.492647496532484		
0	CARBOHYDRATES	Seed 190000	258088	-1.054412576027127		
0	CESIUM	Seed 0.1	0.1	-0.3427209689454117		
7	CHLORINE	Seed 408	408	0.09820418310169288		
24	CHROMIUM	Seed 0.6	0.6	-0.5951002882484197		
2	COBALT	Seed 0.2	0.2	-0.19726970453812753		
12	COPPER	Seed 11	33	1.6495159701011972		
0	CYANIDIN-3-O-BETA-GALACTOSIDE	Plant --	--			
2	CYSTINE	Seed 5130	5336	1.520788829970026		
0	EUROPIUM	Seed 0.1	0.1	1.4740366676721104		
0	FAT	Seed 470370	567000	1.5887004434490792		
15	FIBER	Seed 18800	20000	-0.9063131872799939		

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0	FLUORINE	Seed 3.8	3.8	2.644389587029966		
15	FOLACIN	Seed 0.6	0.6	-0.8272852175939348		
0	GADOLEIC-ACID	Seed 2200	2289	-0.38852838036487747		
8	GLUTAMIC-ACID	Seed 49160	51139	0.3976822870196297		
12	GLYCINE	Seed 10950	11391	0.06344450891072696		
3	GOLD	Seed 0.002	0.002	0.898026510133874		
7	HISTIDINE	Seed 5360	5576	-0.14570652162966333		
12	IODINE	Seed 51	51	4.471332530309744		
6	IRON	Seed 46	137	-0.06408698436104945		
3	ISOLEUCINE	Seed 9750	10143	-0.044476129276939703		
0	LANTHANUM	Seed 0.02	0.02	-0.6239177481057772		
0	LEAD	Seed 0.8	0.8	-0.4746106819229524		
2	LEUCINE	Seed 16770	17445	0.034798551753624236		
27	LINOLEIC-ACID	Seed 70220	110880	0.032197232349524346		
0	LUTETIUM	Seed 0.01	0.01	0.06665021185544043		
4	LYSINE	Seed 12780	13295	0.16205725474128296		
65	MAGNESIUM	Seed 949	1644	-0.5144527118435606		
14	MANGANESE	Seed 3.2	3.4	-0.624348992056044		
1	MERCURY	Seed 0.1	0.1	-0.12385851994600533		

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15	METHIONINE	Seed 3810	3963	-0.09084098288540264		
13	MUFA	Seed 326680	339831	1.6668295259670671		
6	MYRISTIC-ACID	Seed 282	468	-0.28987669285314893		
39	NIACIN	Seed 11	15	-0.8347441211060711		
3	NICKEL	Seed 1.1	1.1	-0.6985865614748106		
18	OLEIC-ACID	Seed 319760	389760	2.2249558349499186		
13	PALMITIC-ACID	Seed 38540	55643	0.44849458637299044		
2	PALMITOLEIC-ACID	Seed 2860	2975	-0.22705402060012958		
24	PECTIN	Seed 35300	35300	0.11566385950776774		
7	PHENYLALANINE	Seed 11840	12317	0.09273622899418647		
4	PHOSPHORUS	Seed 4300	5280	-0.019384310159478342		
2	PHYTOSTEROLS	Seed 1080	1123	-0.34238067383870535		
14	POTASSIUM	Seed 8639	11493	-0.09471998373566626		
0	PROLINE	Seed 9470	9851	-0.29171455980837463		
0	PROTEIN	Seed 189000	222102	-0.10402478672778129		
4	PUFA	Seed 73160	76105	-0.2262836860804633		
0	RESIN	Plant --	--			
0	RUBIDIUM	Seed 10	10	-0.5228333001064858		
0	SAMARIUM	Seed 0.03	0.03	-0.8523247028586811		

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0	SCANDIUM	Seed 0.004	0.004	-0.18931780747591662		
60	SELENIUM	Seed 0.1	0.1	-0.26278450119784413		
1	SERINE	Seed 13510	14054	0.666884826668086		
0	SFA	Seed 61270	63737	0.04782236778393002		
14	SHIKIMIC-ACID	Leaf --	--			
4	SILICON	Seed 1450	1450	1.121505771688299		
1	SODIUM	Seed 54	538	0.13831454255313635		
10	SQUALENE	Seed --	--			
8	STEARIC-ACID	Seed 6280	8960	-0.37098846575323996		
12	STIGMASTEROL	Seed --	--			
0	STRONTIUM	Seed 10	10	-0.5138388030534502		
7	SUCCINIC-ACID	Seed --	--			
14	SUCROSE	Seed 32600	32600	-0.2341239304582195		
14	SULFUR	Seed 2870	2870	0.18957786752333922		
35	TANNIN	Plant --	--			
0	THORIUM	Seed 0.4	0.4	1.5689290811054721		
4	THREONINE	Seed 7220	7511	-0.14013377029686228		
4	TIN	Seed 0.4	0.4	-0.6073769844173956		
0	TITANIUM	Seed 3.1	3.1	-0.5415585335113121		

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29	TRYPTOPHAN	Seed	2830	2944	-0.12996540296324327	
0	TUNGSTEN	Seed	0.1	0.1	0.013110315452406329	
8	TYROSINE	Seed	7140	7427	-0.07278254207594334	
3	VALINE	Seed	14100	14688	0.3296328738055746	
16	VANADIUM	Seed	0.01	0.01	-0.5814082457706883	
0	WATER	Seed	36500	5300	-0.8530850713233245	
0	YTTERBIUM	Seed	0.1	0.1	-0.2826900050957917	
77	ZINC	Seed	3	30	-0.42960193727303775	