

**Dr. Duke's Phytochemical and Ethnobotanical Databases**

**Chemicals found in Aframomum melegueta**

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
5	STARCH	Seed	220000.0	400000.0	0.3637981937344068	Wealth of India.
0	CARBOHYDRATES	Fruit	278000.0	352000.0	-2.3041457636087195	--
15	FIBER	Fruit		242000.0	0.9467018921122258	Wealth of India.
0	WATER	Fruit		210000.0	-2.437435774496405	--
15	FIBER	Seed	110000.0	170000.0	0.27811243148773734	Wealth of India.
0	ASH	Seed	25000.0	105000.0	1.7180308056464513	Wealth of India.
0	ASH	Fruit	42000.0	103000.0	1.1998930279336781	--
0	PROTEIN	Fruit	58000.0	95000.0	-0.1943592332671025	--
0	EO	Seed	3000.0	80000.0	0.4608526241812091	--
0	FAT	Seed	10000.0	20000.0	-1.2925442180086948	Wealth of India.
0	FAT	Fruit		20000.0	-0.4884936985410007	Wealth of India.
28	CALCIUM	Fruit	750.0	9500.0	1.3023454550498572	--
1	SODIUM	Fruit		9200.0	0.6884748812271212	Wealth of India.
14	POTASSIUM	Fruit		3200.0	-1.3020227360828494	Wealth of India.
4	PHOSPHORUS	Fruit		1900.0	-0.3997199372475276	Wealth of India.
65	MAGNESIUM	Fruit		1500.0	-0.2916047454654987	Wealth of India.
27	GINGEROL	Plant				--
0	8-PARADOL	Seed				Wealth of India.
23	ALPHA-TERPINEOL	Seed				Wealth of India.
0	7-PARADOL	Seed				Wealth of India.
0	TERPENYL-ACETATE	Seed				Wealth of India.
0	6-PARADOL	Seed				Wealth of India.
0	TANNINS	Plant				--
3	PARADOL	Plant				--
9	OXALIC-ACID	Fruit				Wealth of India.
0	CINEOLE	Seed				Wealth of India.
32	6-SHOGAOL	Seed				Wealth of India.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	HYDROXYPHENYLALKANONES	Seed				--
18	SHOGAOL	Plant				--
0	HYDROXYPHENYLALKANOLS	Seed				--
5	8-GINGEROL	Seed				Wealth of India.
35	BORNEOL	Seed				Wealth of India.
0	7-GINGEROL	Seed				Wealth of India.
13	ZINGERONE	Seed				Wealth of India.