

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in Solanum nigrum

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
1	TIGOGENIN	Plant		5000.0		--
31	THIAMIN	Leaf	1.0	12.0	0.7701228842235702	--
35	TANNIN	Plant	70000.0	100000.0	0.23890746627510662	--
8	STEARIC-ACID	Seed		4085.0	-0.47675941170972747	--
11	SOLASONINE	Plant				--
18	SOLASODINE	Root		200.0		--
18	SOLASODINE	Leaf		3000.0		--
18	SOLASODINE	Fruit	900.0	6500.0		--
26	SOLANINE	Fruit	0.0	40.0	-1.0	--
9	SOLAMARGINE	Plant				--
15	RIBOFLAVIN	Plant	1.0	23.0	0.8075373219625845	--
4	PHOSPHORUS	Leaf	540.0	4000.0	-0.17873498510590535	--
13	PALMITIC-ACID	Seed		3870.0	-0.6197503924958631	--
18	OLEIC-ACID	Seed		106855.0	-0.10068937184094863	--
27	LINOLEIC-ACID	Seed		100190.0	-0.059395748936342946	--
6	IRON	Leaf	3.0	660.0	0.7523486251467147	--
7	GLUCOSE	Fruit	75000.0	100000.0	0.16624470798533042	--
8	FRUCTOSE	Fruit	75000.0	100000.0	0.6897250090731907	--
15	FIBER	Leaf		11000.0	-1.861536912240838	--
7	DIOSGENIN	Fruit	4000.0	12000.0	0.9999999999999997	--
1	DESGALACTOTIGONIN	Fruit				--
23	CITRIC-ACID	Leaf		50000.0	1.9774150449411227	--
1	CHOLESTEROL	Plant				--
28	CALCIUM	Leaf	1999.0	14400.0	-0.27585104748703904	--
47	BETA-SITOSTEROL	Plant				--
53	BETA-CAROTENE	Leaf	1.0	110.0	-0.6588950320496002	--
112	ASCORBIC-ACID	Leaf	110.0	4067.0	-0.06655432117359895	--