

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Balanites aegyptiacus*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	25-ALPHA-SPIROSTA-3,5-DIENE	Seed				--
0	25-ALPHA-SPIROSTA-3,5-DIENE	Plant				--
7	ALPHA-CAROTENE	Seed				--
12	ARACHIDONIC-ACID	Seed				--
112	ASCORBIC-ACID	Fruit		390.0	-0.2602399783092417	--
0	ASH	Fruit	52000.0	81000.0	0.6301953845598148	--
0	ASH	Shoot		66000.0	-0.8469260095270086	--
0	ASH	Seed		33000.0	-0.44755855178079296	--
0	ASH	Leaf		127000.0	0.14356317818211736	--
0	BALANITESIN	Seed				--
26	BERGAPTEN	Bark				--
47	BETA-SITOSTEROL	Bark				--
0	BETA-SITOSTEROL-GLUCOSIDE	Bark				--
28	CALCIUM	Shoot		4800.0	-0.7254408342754531	--
28	CALCIUM	Fruit	1300.0	3800.0	-0.0129886724651133	--
0	CARBOHYDRATES	Leaf		715000.0	0.8203148977548735	--
0	CARBOHYDRATES	Fruit	791000.0	886000.0	0.5514266620111699	--
0	CARBOHYDRATES	Shoot		644000.0	0.29510133922679516	--
7	DIOSGENIN	Fruit				--
0	FAT	Shoot		15000.0	-0.596018112797362	--
0	FAT	Seed	300000.0	550000.0	1.4991553625628231	--
0	FAT	Leaf		42000.0	-0.28818340493506195	--
0	FAT	Fruit	0.0	17000.0	-0.5114074572307027	--
15	FIBER	Shoot		233000.0	0.6099702504048076	--
15	FIBER	Leaf		136000.0	-0.3157685710343199	--
15	FIBER	Fruit		102000.0	-0.3744054054661251	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
7	GLUCOSE	Fruit				--
7	GLUCOSE	Seed				--
27	LINOLEIC-ACID	Seed	120000.0	220000.0	0.9671482256061977	--
0	MARMESIN	Bark				--
18	OLEIC-ACID	Seed	81000.0	135000.0	0.13067905340826558	--
13	PALMITIC-ACID	Seed	57000.0	104500.0	1.4565730236394336	--
4	PHOSPHORUS	Shoot		3800.0	0.18652476583672947	--
4	PHOSPHORUS	Fruit		4000.0	0.23813361837662805	--
0	PROTEIN	Shoot		275000.0	0.5786745837250619	--
0	PROTEIN	Seed		219000.0	-0.13161868318546213	--
0	PROTEIN	Leaf		116000.0	-0.9561469755392918	--
0	PROTEIN	Fruit	61000.0	111000.0	0.020127724197141796	--
0	RHAMNOSE	Seed				--
0	RHAMNOSE	Fruit				--
0	RIBOSE	Seed				--
0	SAPOGENIN	Seed	7400.0	17400.0		--
0	SAPOGENIN	Fruit	7200.0	40800.0		--
0	SAPONIN	Fruit		70000.0	1.0	--
8	STEARIC-ACID	Seed	42000.0	77000.0	1.1052484907348443	--
0	SUGARS	Fruit	380000.0	400000.0	0.7668950333018295	--
3	XYLOSE	Seed				--
0	YAMOGENIN	Fruit				--