

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Aspalathus linearis*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
30	(+)-CATECHIN	Shoot	--	--		
1	2,3-DIHYDROBENZOFURAN	Leaf Essent. Oil	--	3200		
16	ACETIC-ACID	Plant	--	--		
6	ACETOPHENONE	Leaf Essent. Oil	--	4000		
13	ALPHA-TERPINENE	Leaf Essent. Oil	--	--		
23	ALPHA-TERPINEOL	Leaf Essent. Oil	--	4200	-0.7797871552056034	
32	ALPHA-TOCOPHEROL	Plant	--	--		
5	ALUMINUM	Shoot	--	9900	1.0787185957210077	
112	ASCORBIC-ACID	Shoot	157	94000	4.1806764777423835	
1	ASPALATHIN	Shoot	17	15000		
24	BENZALDEHYDE	Leaf Essent. Oil	--	15900	0.6952232834176496	
20	BENZOIC-ACID	Shoot	--	--		
9	BENZYL-ALCOHOL	Leaf Essent. Oil	--	--		
13	BETA-IONONE	Leaf	--	--		
3	BETA-TERPINEOL	Leaf Essent. Oil	--	4300		
35	BORNEOL	Leaf Essent. Oil	--	500	-0.6785540022451703	
102	CAFFEIC-ACID	Shoot	--	0.66	-0.703465468886938	
28	CALCIUM	Shoot	--	2000	-0.9297794818295042	

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	CALCIUM	Plant	--	90	-1.443984393362664	
28	CALCIUM	Leaf	--	--		
7	CHRYSOERIOL	Shoot	--	6.6	-0.7384459049265101	
18	CINNAMIC-ACID	Shoot	--	--		
76	EUGENOL	Leaf Essent. Oil	--	13600	-1.0138787287413815	
61	FERULIC-ACID	Shoot	--	0.66		
3	FLUORIDE	Plant	0.44	1.65	-0.5740115779302913	
62	GALLIC-ACID	Shoot	--	44000	1.4140081297693825	
62	GALLIC-ACID	Leaf	--	44000	0.6988544721314695	
2	GAMMA-NONALACTONE	Leaf Essent. Oil	--	3200		
11	GAMMA-TERPINENE	Leaf Essent. Oil	--	--		
2	GERANYL-ACETONE	Plant	--	--		
18	GUAIACOL	Leaf	--	--		
18	GUAIACOL	Leaf Essent. Oil	--	240000		
18	GUAIACOL	Plant	--	--		
2	HEXANOIC-ACID	Plant	--	--		
6	IRON	Shoot	--	3300	3.751125723153258	
6	IRON	Plant	--	14	-0.7218159135751593	
4	ISOORIENTIN	Shoot	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	ISOQUERCETIN	Shoot	--	--		
22	ISOQUERCITRIN	Shoot	--	1	-1.1453747053075045	
4	ISOVITEXIN	Shoot	--	0.5		
60	LIMONENE	Leaf Essent. Oil	--	--		
53	LINALOOL	Leaf Essent. Oil	--	5400	-0.661654653443934	
78	LUTEOLIN	Shoot	0.66	1	-0.7054905387561778	
78	LUTEOLIN	Leaf	--	--		
65	MAGNESIUM	Leaf	--	--		
65	MAGNESIUM	Shoot	--	3300	-0.5803607740011649	
65	MAGNESIUM	Plant	--	140	-1.2188549999457055	
14	MANGANESE	Shoot	--	120	-0.9591769438559322	
2	METHYL-PHENYLACETATE	Leaf Essent. Oil	--	7900		
22	MYRCENE	Leaf Essent. Oil	--	--		
1	NAPHTHALENE	Leaf Essent. Oil	--	4300		
1	NOTHOFAGIN	Shoot	--	--		
4	ORIENTIN	Shoot	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
25	P-COUMARIC-ACID	Shoot	--	1	-0.7071067811865475	
8	P-CRESOL	Leaf Essent. Oil	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
13	P-HYDROXY-BENZOIC-ACID	Shoot	--	--		
2	P-METHYL-ACETOPHENONE	Leaf Essent. Oil	--	5000		
26	PHENOL	Leaf Essent. Oil	--	700		
2	PHENYL-ACETALDEHYDE	Leaf Essent. Oil	--	17100		
14	POTASSIUM	Shoot	--	5600	-1.2816033932517448	
14	POTASSIUM	Leaf	--	--		
14	POTASSIUM	Plant	--	--		
43	PROTOCATECHUIC-ACID	Shoot	--	2.6		
176	QUERCETIN	Plant	--	7.5	-1	
176	QUERCETIN	Shoot	--	1.3	-0.7538426844404754	
87	RUTIN	Shoot	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
5	SALICYLALDEHYDE	Leaf Essent. Oil	--	1000		
1	SODIUM	Leaf	--	--		
6	SYRINGIC-ACID	Shoot	--	--		
35	TANNIN	Shoot	--	44000	-0.8290380397657579	
71	THYMOL	Leaf Essent. Oil	--	2200	-1	
24	VANILLIC-ACID	Shoot	--	0.76		