

Dr. Duke's Phytochemical and Ethnobotanical Databases

Chemicals found in *Sorbus aucubaria*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	PENTOSANS	Wood		295300.0	1.719735369484771	--
13	LIGNIN	Wood		464400.0	1.633366459522193	--
15	MALIC-ACID	Fruit	19000.0	39000.0	1.5873464639603723	--
0	RUBIDIUM	Fruit	3.0	33.0	1.0520005772899532	--
0	TANNINS	Bark		44700.0	1.0	--
0	FLUORINE	Fruit	0.2	1.5	0.14493952346731742	--
14	MANGANESE	Fruit	12.0	75.0	0.09100272631558402	--
0	ASH	Fruit	7300.0	57690.0	0.026574836057780517	--
4	SILICON	Fruit	20.0	190.0	0.008861852506511827	--
112	ASCORBIC-ACID	Fruit	39.0	2650.0	-0.1197199747408477	--
0	WATER	Fruit		740000.0	-0.1329461645598044	--
0	NITROGEN	Fruit	2100.0	11900.0	-0.19088084760386217	--
53	BETA-CAROTENE	Plant	62.0	98.0	-0.19642206704400744	--
5	ALUMINUM	Fruit	2.0	75.0	-0.20170228585008707	--
0	FAT	Seed		210000.0	-0.2917462551623016	--
6	IRON	Fruit	7.0	58.0	-0.29741781491919245	--
0	LEAD	Fruit	0.1	3.0	-0.31290770019582986	--
1	MERCURY	Fruit	0.001	0.011	-0.3194372671514748	--
4	BORON	Fruit	4.0	24.0	-0.32069462589733727	--
0	BROMINE	Fruit	1.0	4.0	-0.3231676446661546	--
77	ZINC	Fruit	1.0	18.0	-0.37010285362412665	--
60	SELENIUM	Fruit	0.001	0.011	-0.3834594966633364	--
28	CALCIUM	Fruit	100.0	2115.0	-0.40181990138839846	--
4	PHOSPHORUS	Fruit	360.0	1880.0	-0.4057947330153767	--
14	POTASSIUM	Fruit	2900.0	13075.0	-0.42834568798936284	--
65	MAGNESIUM	Fruit	190.0	1190.0	-0.4351527563966969	--
0	ASH	Wood		6300.0	-0.4477234269017318	--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
24	CHROMIUM	Fruit	0.02	0.19	-0.4809461705055605	--
2	ARSENIC	Fruit	0.01	0.04	-0.4856627065132133	--
24	PECTIN	Fruit		10000.0	-0.511521634559625	--
2	COBALT	Fruit	0.005	0.08	-0.5254304770112033	--
3	CADMIUM	Fruit	0.005	0.04	-0.5260679090350784	--
0	SUGARS	Fruit	31000.0	80000.0	-0.5539776886973504	--
3	NICKEL	Fruit	0.1	0.4	-0.6578129556455319	--
12	COPPER	Fruit	0.8	4.0	-0.6863742487163819	--
1	CELLULOSE	Wood		464400.0	-0.8035866414007976	--
0	TANNINS	Fruit	4000.0	6000.0	-0.8174800658652643	--
0	HEMICELLULOSE	Wood		334800.0	-1.0	--
4	ISOCHLOROGENIC-ACID	Fruit				--
8	PHLOROGLUCINOL	Fruit				--
1	TRIMETHYLAMINE	Flower				--
47	BETA-SITOSTEROL	Flower				--
23	CITRIC-ACID	Fruit				--
93	TOCOPHEROL	Fruit				--
87	RUTIN	Fruit				--
18	CINNAMIC-ACID	Fruit				--
6	TARTARIC-ACID	Fruit				--
0	ASOZONE	Fruit				--
9	HCN	Fruit	20.0	37.0		--
2	PARASORBOSIDE	Fruit				--
1	QUINIC-ACID	Fruit				--
7	GLUCOSE	Fruit				--
4	PARASORBIC-ACID	Fruit		400.0		--
77	CHLOROGENIC-ACID	Fruit				--

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Refernce Citation
0	QUERCETIN-3-BETA-SOPHOROSIDE	Leaf				--
62	GALLIC-ACID	Fruit				--
25	P-COUMARIC-ACID	Plant				--
7	SUCCINIC-ACID	Fruit				--
20	LECITHIN	Fruit				--
12	EPICATECHIN-GALLATE	Fruit				--
0	QUERCETIN-3-O-GALACTOSIDE	Leaf				--
0	SORBOSE	Fruit				--
40	EPICATECHIN	Fruit				--
176	QUERCETIN	Fruit				--
102	CAFFEIC-ACID	Fruit				--
11	SORBITOL	Fruit				--
0	KAEMPFEROL-3-BETA-SOPHOROSIDE	Leaf				--
8	AMYGDALIN	Seed				--
43	PROTocatechuic-acid	Fruit				--
7	CYANIDIN	Plant				--
2	NEO-CHLOROGENIC-ACID	Fruit				--
0	SORBICORTOLS	Plant				--
0	KAEMPFEROL-3-O-GLUCOSIDE	Leaf				--
8	AMYGDALIN	Fruit	343.0	617.0		--
2	CRYPTOXANTHIN	Fruit				--
2	MOLYBDENUM	Fruit				--
7	SORBIC-ACID	Fruit				--
22	ISOQUERCITRIN	Fruit				--
89	URSOLIC-ACID	Fruit				--
0	METHYL-PENTOSANE	Leaf				--