

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Rosa gallica*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
28	ALPHA-PINENE	Essential Oil	--	--		
112	ASCORBIC-ACID	Fruit	5450	8470	0.2421501229441316	
53	BETA-CAROTENE	Flower	16	17	-0.3594656728966096	
13	BETA-PINENE	Essential Oil	--	--		
47	BETA-SITOSTEROL	Flower	--	--		
53	CITRAL	Flower	--	--		
15	CITRONELLOL	Flower	--	--		
5	CYANIN	Flower	--	--		
0	EO	Flower	270	360	-0.411337112928303	
76	EUGENOL	Flower	2	4	-0.38246958640398104	
17	FARNESOL	Flower	--	--		
62	GALLIC-ACID	Flower	--	--		
0	GALLICOSIDES	Flower	--	--		
0	GERANIC-ACID	Essential Oil	--	--		
35	GERANIOL	Flower	100	275	-0.4570830605222784	
0	GERANIOL-ALDEHYDE	Essential Oil	--	--		
8	INOSITOL	Flower	--	--		
0	L-CITRONELLOL	Flower	40	130		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	L-LINALOL	Flower	--	--		
15	MALIC-ACID	Flower	--	--		
0	METHIONINE-SULFOXIDE	Flower	--	--		
22	MYRCENE	Essential Oil	--	--		
10	NEROL	Flower	15	36	-0.8503997242209429	
0	NONYL-ALDEHYDE	Flower	--	--		
24	PECTIN	Flower	--	--		
0	PHENYL-ETHYL-ALCOHOL	Flower	8	32	-0.6481465793724697	
44	QUERCITRIN	Flower	--	--		
0	RESIN	Flower	--	--		
0	ROSATANNIC-ACID	Flower	100000	240000		
0	SAPONIN	Flower	13000	13000		
0	SAPONIN	Leaf	85000	85000	0.7071067811865476	
0	SHISONIN-A	Flower	--	--		
0	STEAROPTENES	Flower	40	105		
0	SUGAR	Flower	30000	140000		
0	TANNINS	Flower	100000	240000	0.7071067811865467	
6	TARTARIC-ACID	Flower	--	--		
0	WAX	Flower	--	--		