

**Dr. Duke's Phytochemical and Ethnobotanical Database**

**Chemicals Found in *Callicarpa americana***

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	(E)-2-HEXENAL	Leaf	--	50	0.9999999999999997	
0	(E)-BETA-CARYOPHYLLENE	Leaf	--	7		
0	(E)-BETA-DAMASCENONE	Leaf	--	0.55		
0	(E,E)-2,4-HEPTADIENAL	Leaf	--	0.55	0.9999999999999999	
0	(Z)-3-HEXENOL	Leaf	--	9	1.2461918935641156	
0	(Z)-3-HEXENOL-ACETATE	Leaf	--	0.55		
67	1,8-CINEOLE	Leaf	--	1	-0.5300958664102229	
0	1-OCTEN-3-OL	Leaf	--	95	0.24787156210705247	
2	2-HEXEN-1-OL	Leaf	--	2		
2	3-OCTANOL	Leaf	--	0.55	-0.5154391983745416	
0	3-OCTANONE	Leaf	--	1	-1	
0	4-KETOISOPHORONE	Leaf	--	0.55		
0	7-EPI-ALPHA-EUDES MOL	Leaf	--	105		
0	7-EPI-ALPHA-SELINENE	Leaf	--	15		
0	ALPHA-CADINENE	Leaf	--	0.55	-0.42938998655802657	
3	ALPHA-CADINOL	Leaf	--	25	0.8666914071690167	
0	ALPHA-CALACORENE	Leaf	--	0.55	-1	
0	ALPHA-CAMPHOLENAL	Leaf	--	0.55		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
0	ALPHA-COPAENE	Leaf	--	2	-0.3444107788177234	
2	ALPHA-HUMULENE	Leaf	--	110	-0.2812251797065425	
0	ALPHA-MUUROLENE	Leaf	--	2	-0.7037504760694602	
0	ALPHA-MUUROLOL	Leaf	5	6	-1	
28	ALPHA-PINENE	Leaf	--	28	-0.2227266360667196	
3	ALPHA-SELINENE	Leaf	5	6	-0.6735900642556076	
13	ALPHA-TERPINENE	Leaf	--	0.55	-0.3120781346990502	
23	ALPHA-TERPINEOL	Leaf	--	2	-0.5867380644867242	
0	ALPHA-THUJENE	Leaf	--	1	-0.6082083679073705	
0	ALPHA-YLANGENE	Leaf	--	0.55		
24	BENZALDEHYDE	Leaf	--	0.55	-0.4683477845420869	
0	BENZENE-ACETALDEHYDE	Leaf	--	8		
9	BENZYL-ALCOHOL	Leaf	--	2	-0.7615237280715296	
0	BETA-BOURBONENE	Leaf	--	3	-0.5477054809216564	
0	BETA-GURJENENE	Leaf	--	0.55		
13	BETA-PINENE	Leaf	--	100	-0.28163050343074103	
3	BETA-SELINENE	Leaf	--	25	-0.27432396220543237	
35	BORNEOL	Leaf	--	0.55	-0.4748309703169504	
0	CADINA-1,4-DIENE	Leaf	--	0.55	-0.7797159456182482	

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9	CAMPHENE	Leaf	--	0.55	-0.19248498534059874	
8	CARYOPHYLLENE-OXIDE	Leaf	--	10	-0.4130087837140049	
0	CIS-CALAMENE	Leaf	--	0.55		
0	CIS-LINALOOL-OXIDE	Leaf	--	0.55	-0.6884375265459903	
0	CIS-P-MENTH-1,5-DIEN-8-OL	Leaf	--	0.55		
0	CIS-P-MENTH-2-EN-1-OL	Leaf	--	0.55	-0.8991953676898149	
0	CUBENOL	Leaf	--	7		
9	DELTA-CADINENE	Leaf	5	6	-0.4379645220877007	
0	ENDOFENCHOL	Leaf	--	0.55		
0	EPI-ALPHA-CADINOL	Leaf	--	7	-1	
0	GAMMA-CADINENE	Leaf	--	3	-0.4545809267588206	
0	GAMMA-MUUROLENE	Leaf	--	8	-0.7262677524505766	
11	GAMMA-TERPINENE	Leaf	--	1	-0.3699950083280314	
5	HEXANAL	Leaf	5	6		
0	HUMULENE-EPOXIDE-II	Leaf	--	155		
0	KHUSINOL	Leaf	--	3		
60	LIMONENE	Leaf	--	4	-0.44357621675328074	
53	LINALOOL	Leaf	--	3	-0.6453663902878893	
5	MYRTENAL	Leaf	--	2	-0.6185447760142162	

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2	MYRTENOL	Leaf	--	0.55	-0.44971472989772715	
0	N-HEXANOL	Leaf	--	3	1.00000000000000002	
5	N-NONANAL	Leaf	--	0.55		
0	NOPINONE	Leaf	--	1		
16	P-CYMENE	Leaf	--	7	-0.39429791060297104	
1	PINOCARVONE	Leaf	--	2	-0.6419310408629597	
0	TERPIN-4-OL	Leaf	--	3		
9	TERPINOLENE	Leaf	--	0.55	-0.23139395085103806	
0	TRANS-ARBUSCULONE	Leaf	--	0.55		
0	TRANS-SABINOL	Leaf	--	2		
0	VALENCENE	Leaf	--	40		