

# Dr. Duke's Phytochemical and Ethnobotanical Databases

## Chemicals found in *Agastache nepetoides*

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
60	LIMONENE	Plant		2.0	-0.48457472265246676	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	CARYOPHYLLENE	Plant	90.0	100.0	-0.4439011295451728	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
31	CARYOPHYLLENE	Essential Oil		184000.0	2.6881581812844435	Jim Duke's personal files.
28	ALPHA-PINENE	Plant		20.0	-0.46732168198180957	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
22	MYRCENE	Plant		2.0	-0.4739053499653681	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
16	ACACETIN	Leaf				Jim Duke's personal files.
16	ACACETIN	Inflorescence				Jim Duke's personal files.
13	BETA-PINENE	Plant		2.0	-0.43332714161894864	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	CAMPHENE	Plant		1.0	-0.6041137923889136	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
9	DELTA-CADINENE	Plant		11.0	-0.4873560576031378	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
4	COSMOSIIN	Leaf				Jim Duke's personal files.
4	COSMOSIIN	Inflorescence				Jim Duke's personal files.
3	CYNAROSIDE	Leaf				Jim Duke's personal files.
3	CYNAROSIDE	Inflorescence				Jim Duke's personal files.
3	CIS-OCIMENE	Plant		4.0	-0.49169086538218515	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
2	3-OCTANOL	Plant		4.0	-0.6447133369039165	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Activities Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	GERMACRENE-D	Plant	240.0	260.0	-0.20244844110866017	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
1	COPAENE	Plant		6.0	-0.8249331280742407	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TRANS-OCIMENE	Plant		20.0	-0.8971669237479382	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TILIANIN	Leaf				Jim Duke's personal files.
0	TILIANIN	Inflorescence				Jim Duke's personal files.
0	LINALOL	Plant		9.0	-0.43018036809044835	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	EO	Plant		500.0	-0.7021294757792322	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
0	TRANS-OCIMENE	Essential Oil		36000.0	-0.2855092234440386	Jim Duke's personal files.