

Presence of Compounds in Carqueja (*Baccharis genistelloides*)

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Apigenin	Flavone	Aerial Parts	Brazil	00.02667%	H01410
Baccharis genistelloides clerodane diterpene 4-a	Sesquiterpene	Aerial Parts	Brazil	00.00360%	H01410
Baccharis trimera diterpene 2-a	Diterpene	Aerial Parts	Brazil	00.10760%	H01410
Baccharis trimera diterpene 1-b	Diterpene	Aerial Parts	Brazil	00.24400%	H01410
Bicyclogermacrene	Sesquiterpene	Aerial Parts Essential Oil	Bolivia Brazil	00.01333% 01.58%	T05901 K12940
Cadinene, delta:	Sesquiterpene	Essential Oil	Brazil	01.78%	K12940
Calacorene	Sesquiterpene	Essential Oil	Brazil	05.74%	K12940
Camphene	Monoterpene	Essential Oil Essential Oil	Brazil Brazil	00.15	K12940 N05594
Carquejol	Monoterpene	Essential Oil Essential Oil	Brazil Brazil	02.3%	N05594 K12940
Carquejol acetate	Monoterpene	Essential Oil Essential Oil	Brazil Brazil	69.0% 42.82%	N05594 K12940
Caryophyllene, beta:	Sesquiterpene	Essential Oil	Brazil	01.34%	K12940
Chromium	Inorganic	Part Not Specified	Brazil		M29199
Chrysanthenone	Monoterpene	Essential Oil	Brazil	00.28%	K12940
Cineol, 1-8:	Monoterpene	Essential Oil	Brazil	Trace	K12940
Cinnamic acid,3-4-dimethoxy: benzyl ester	Phenylpropanoid	Aerial Parts	Brazil	00.00350%	H01410
Cirsiliol	Flavone	Aerial Parts	Brazil	00.00840%	H01410
Cirsimaritin	Flavone	Aerial Parts Aerial Parts	Bolivia Brazil	00.00992% 00.02120%	H13518 H01410

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Cleroda-3-ene,15-16-diacetoxy-7-alpha-18-dihydroxy: ent:	Diterpene	Aerial Parts	Bolivia	00.02724%	H13518
Cleroda-3-ene,15-16-epoxy-7-alpha-18-dihydroxy-15-methoxy: ent:	Diterpene	Aerial Parts Aerial Parts	Bolivia Bolivia	00.00476% 00.08%	H13518 H13518
Cleroda-3-ene,15-16-epoxy-7-alpha-18-dihydroxy-15-oxo: ent:	Diterpene	Aerial Parts	Bolivia	00.0048%	H13518
Cleroda-3-ene,7-alpha-15-18-trihydroxy: ent:	Diterpene	Aerial Parts	Bolivia	00.01176%	H13518
Clerodan-15-20-dioic acid,lactone,3-4-dehydro:16-19-dihydroxy-7-oxo:	Diterpene	Aerial Parts	Brazil	00.00560%	H01410
Clerodan-15-20-dioic acid-dilactone,3,4-dehydro:16-19-dihydroxy-7-oxo:	Diterpene	Aerial Parts	Bolivia	00.02667%	T05901
Copaene, alpha:	Sesquiterpene	Essential Oil	Brazil	Trace	K12940
Cubebene, alpha:	Sesquiterpene	Essential Oil	Brazil	00.18%	K12940
Cubebene, beta:	Sesquiterpene	Essential Oil	Brazil	00.24%	K12940
Cyclohepta-2-4-dien-1-one, 2-6-6-tri methyl:	Monoterpene	Essential Oil	Brazil	00.515	K12940
Cymene, para:	Monoterpene	Essential Oil	Brazil	00.06%	K12940
Cyperene	Sesquiterpene	Essential Oil	Brazil	00.63%	K12940
Dicaffeoylquinic acid; 3,5-	Diterpene	Aerial Parts	Not stated		AU1019
Elemene, beta:	Sesquiterpene	Essential Oil	Brazil	03.49%	K12940
Elemene, delta:	Sesquiterpene	Essential Oil	Brazil	00.07%	K12940
Elemol	Sesquiterpene	Essential Oil	Brazil	00.39%	K12940
Eriodictyol	Flavanone	Aerial Parts	Brazil	00.00500%	H01410
Eudesmol	Sesquiterpene	Essential Oil	Brazil	Trace	K12940
Eudesmol, beta:	Sesquiterpene	Essential Oil	Brazil	01.43%	K12940
Eugenol,iso: cis: methyl ether	Phenylpropanoid	Essential Oil	Brazil	00.08%	K12940

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Eupatorin	Flavone	Aerial Parts	Bolivia	00.384%	H13518
Eupatrin	Flavone	Aerial Parts	Brazil	00.65800%	H01410
Farnesene, beta: cis:	Sesquiterpene	Essential Oil	Brazil	00.68%	K12940
Farnesol	Sesquiterpene	Essential Oil	Brazil		N05594
Flavone, 5-hydroxy-3'-4'-6-7-tetrame thoxy:	Flavone	Aerial Parts	Bolivia	00.00536%	H13518
Genkwanin	Flavone	Aerial Parts	Brazil	00.02311%	H01410
Germacrene D	Sesquiterpene	Aerial Parts Essential Oil	Bolivia Brazil	00.01667% 04.34%	T05901 K12940
Ledol	Sesquiterpene	Essential Oil	Brazil	01.04%	K12940
Limonene	Monoterpene	Essential Oil	Brazil Brazil	 02.65%	N05594 K12940
Linalool	Monoterpene	Essential Oil	Brazil	00.07%	K12940
Muurolene, alpha:	Sesquiterpene	Essential Oil	Brazil	00.52%	K12940
Myrcene	Monoterpene	Essential Oil	Brazil	00.75%	K12940
Nerolidol	Sesquiterpene	Essential Oil	Brazil	30.0%	N05594
Ocimene, beta: cis:	Monoterpene	Essential Oil	Brazil	00.09%	K12940
Ocimene, beta: trans:	Monoterpene	Essential Oil	Brazil	03.47%	K12940
Octa-1-7-dien-3-one,2-methyl-6-methylene:	Monoterpene	Essential Oil	Brazil	00.09%	K12940
Palustrol	Sesquiterpene	Essential Oil	Brazil	00.08%	K12940
Pentadecanol, 6-10-14-trimethyl-2-et hylidene:	Diterpene	Aerial Parts	Bolivia	00.01667%	T05901
Phellandrene, alpha:	Monoterpene	Essential Oil	Brazil	00.06%	K12940
Phellandrene, beta:	Monoterpene	Essential Oil	Brazil	02.3%	K12940
Phytol, trans:	Diterpene	Aerial Parts	Bolivia	00.00944%	H13518

Compound	Chemical Type	Plant Part	Plant Origin	Quantity	Ref #
Pinene, alpha:	Monoterpene	Essential Oil Essential Oil	Brazil Brazil	00.2%	K12940 N05594
Pinene, beta:	Monoterpene	Essential Oil Essential Oil	Brazil Brazil	08.24%	K12940 N05594
Sabinene	Monoterpene	Essential Oil	Brazil	01.29%	K12940
Spatholenol	Sesquiterpene	Aerial Parts	Bolivia	00.00164%	H13518
Spathulenol	Sesquiterpene	Essential Oil	Brazil	00.29%	K12940
Squalene	Triterpene	Root	Bolivia	00.002	T05901
Styrene, alpha-para-dimethyl:	Monoterpene	Essential Oil	Brazil	00.18%	K12940
Terpinene, alpha:	Monoterpene	Essential Oil	Brazil	00.05%	K12940
Terpinene, gamma:	Monoterpene	Essential Oil	Brazil	00.1%	K12940
Terpinolene	Monoterpene	Essential Oil	Brazil	00.16%	K12940
Viridiflorene	Sesquiterpene	Essential Oil	Brazil	00.44%	K12940
Viridiflorol	Sesquiterpene	Essential Oil	Brazil	00.84%	K12940
Ylangene, alpha:	Sesquiterpene	Essential Oil	Brazil	01.41%	K12940

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