

Presence of Compounds in Yerba maté (*Ilex paraguariensis*)

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Amyrin, alpha:	Triterpene	Leaf Leaf	Argentina Argentina	Not stated 00.43%	A07583 A06284
Amyrin, beta:	Triterpene	Leaf	Not stated	Not stated	ZZ1095
Arachidic acid	Lipid	Seed oil	Not stated	Not stated	AB1003
Butyric acid	Phenylpropanoid	Leaf	Not stated	Not stated	ZZ1095
Butyric acid, iso	Phenylpropanoid	Leaf	Not stated	Not stated	ZZ1095
Caffeic acid	Phenylpropanoid	Leaf Leaf	Brazil Argentina	Not stated Not stated	J17002 L21204
Caffeine	Alkaloid	Leaf Leaf Leaf Leaf Leaf Leaf Leaf Leaf Leaf Leaf Leaf Bark Wood Fruit Leaf Leaf Leaf Leaf Leaf Leaf Leaf	Brazil Brazil Brazil Brazil Uruguay Not stated Argentina Not stated Brazil Brazil Brazil Brazil Brazil Japan Not stated Not stated Brazil Brazil Brazil Brazil	Not stated Not stated Not stated Not stated 00.56% 00.78-01.25% 01.92% Not stated 0.89-1.73% Not stated Not stated 0.88% Not stated Not stated Not stated Not stated Not stated Not stated Not stated Not stated	A06260 J16308 L04728 L17706 M14337 M10672 J16175 L10990 M22406 J17002 J16308 J16308 J16308 M10333 L00715 A05062 L10422 L10422 L20331 L20331
Capronic acid, iso	Phenylpropanoid	Leaf	Not stated	Not stated	ZZ1095
Carotene	Vitamin	Not stated	Not stated	Not stated	AB1003

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Chlorogenic acid	Phenylpropanoid	Leaf Leaf Leaf	Brazil Argentina Argentina	10% Not stated Not stated	J17002 K12102 L21204
Chlorogenic acid a, iso:	Phenylpropanoid	Leaf	Brazil	Not stated	M22406
Chlorogenic acid, neo:	Phenylpropanoid	Leaf	Brazil	Not stated	M22406
Choline	Alkaloid-misc	Leaf	Brazil	00.00152%	A06278
Chrysanthemin	Flavonoid	Leaf	Argentina	Not stated	J12777
Cyanidin-3-o-xylosyl- glucoside	Flavonoid	Leaf	Argentina	Not stated	J12777
Cyanidin-3-glucoside	Flavonoid	Leaf	Not stated	Not stated	AB1002
Eugenol	Phenylpropanoid	Leaf	Brazil	Not stated	K09934
Geraniol	Monoterpene	Leaf	Brazil	Not stated	K09934
Geranyl acetone	Sesquiterpene	Leaf	Brazil	Not stated	K09934
Guaiacin b	Triterpene	Leaf	Argentina	Not stated	L13331
Indole	Indole alkaloid	Leaf	Brazil	Not stated	K09934
Ionone, alpha:	Sesquiterpene	Leaf	Brazil	Not stated	K09934
Ionone, beta:	Sesquiterpene	Leaf	Brazil	Not stated	K09934
Kaempferol	Flavonol	Leaf Leaf	Argentina Brazil	Not stated Not stated	L21204 L14356
Lauric acid	Lipid	Seed Oil	Not stated	Not stated	AB1003
Levulose	Carbohydrate	Leaf	Brazil	00.16%	A01929
Linalool	Monoterpene	Leaf	Brazil	Not stated	K09934
Linoleic acid	Lipid	Seed Oil	Not stated	Not stated	AB1003

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Mandelonitrile, 2-beta-d-glucopyranosyl-oxy-para-hydroxy-6-7-dihydro:	Benzenoid	Leaf Leaf	Not stated Not stated	00.02% 00.02%	M20926 M20926
Matesaponin 1	Triterpene	Leaf	Argentina	Not stated	L13331
Matesaponin 2	Triterpene	Leaf Leaf	Brazil Argentina	00.0135% Not stated	H15715 L13331
Matesaponin 3	Triterpene	Leaf	Brazil	00.01%	H15715
Matesaponin 4	Triterpene	Leaf	Brazil	00.019%	H15715
Matesaponin 5	Triterpene	Leaf	Brazil	00.04587%	H18558
Matesaponin I	Triterpene	Leaf	Brazil	00.03%	M22370
Nerolidol	Sesquiterpene	Leaf	Brazil	Not stated	K09934
Nudicaucin c	Triterpene	Leaf	Argentina	Not stated	L13331
Octan-1-ol	Alkanol c5 or more	Leaf	Brazil	Not stated	K09934
Octanoic acid	Lipid	Leaf	Brazil	Not stated	K09934
Quercetin	Flavonol	Leaf	Argentina	Not stated	L21204
Quinic acid, 5-o-caffeoyl-	Phenylpropanoid	Not stated	Not stated	Not stated	AB1001
Raffinose	Carbohydrate	Leaf	Brazil	00.44%	A01929
Rutin	Flavonol	Leaf	Argentina	Not stated	L21204
Safrole	Phenylpropanoid	Leaf	Brazil	Not stated	K09934
Stearic acid	Lipid	Seed Oil	Not stated	Not stated	AB1003
Terpineol, alpha:	Monoterpene	Leaf	Brazil	Not stated	K09934

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Theobromine	Alkaloid	Leaf	Not stated	Not stated	L10990
		Leaf	Brazil	00.45-0.88%	M22406
		Leaf	Brazil	Not stated	J16308
		Leaf	Brazil	Not stated	L04728
		Leaf	Brazil	Not stated	L17706
		Leaf	Uruguay	00.03%	M14337
		Leaf	Not stated	00.34-00.43%	M10672
		Leaf	Argentina	00.484%	J16175
		Bark	Brazil	Not stated	J16308
		Wood	Brazil	Not stated	J16308
		Fruit	Brazil	Not stated	J16308
		Leaf	Japan	0.08%	M10333
		Leaf	Not stated	Not stated	A05062
		Leaf	Brazil	Not stated	L10422
		Leaf	Brazil	Not stated	L10422
		Leaf	Brazil	Not stated	L20331
Leaf	Brazil	Not stated	L20331		
Theophylline	Alkaloid	Leaf	Brazil	Not stated	J16308
		Leaf	Brazil	Not stated	L04728
		Leaf	Uruguay	00.02%	M14337
		Leaf	Not stated	Not stated	A05062
Trigonelline	Proteid	Leaf	Brazil	00.0274%	A06260
Ursolic acid	Triterpene	Leaf	Argentina	Not stated	A07583
		Leaf	Argentina	Not stated	A06284
Valeric acid, iso		Leaf	Not stated	Not stated	ZZ1095
Xyenol, 2,5-		Leaf	Not stated	Not stated	ZZ1095
Zinc		Not stated	Not stated	Not stated	AB1007

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