

## Presence of Compounds in Andiroba (*Carapa guianensis*)

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Andirobin	Alkaloid	Seed	Not Stated	Not Stated	ZZ1022
Arachidic acid	Lipid	Seed	Not Stated	1.2%	BR1003
Azadiradione, 6-alpha-acetoxy-epoxy	Triterpene	Plant	Not Stated	Not Stated	ZZ1022
Azadiradione, epoxy	Triterpene	Plant	Not Stated	Not Stated	ZZ1022
Fat	Lipid	Seed	Not Stated	550,000-650,000 ppm	ZZ1022
Gedunin	Triterpene	Not Stated	Trinidad	Not Stated	N02487
Gedunin, 6-alpha-11-beta-diacetoxy	Triterpene	Heartwood Not Stated	West Indies Trinidad	Not Stated Not Stated	J08008 N02487
Gedunin, 6-alpha-acetoxy	Triterpene	Not Stated Heartwood	Trinidad West Indies	Not Stated Not Stated	N02487 J08008
Gedunin, 6-alpha-hydroxy	Triterpene	Plant	Not Stated	Not Stated	ZZ1022
Gedunin, 6-beta-acetoxy	Triterpene	Seed	Not Stated	Not Stated	ZZ1022
Gedunin, 6-beta, 11-beta-diacetoxy	Triterpene	Bark	Not Stated	Not Stated	ZZ1022
Gedunin, 7-deacetoxy-7-oxo	Triterpene	Plant	Not Stated	Not Stated	ZZ1022
Gedunin, 7-deacetoxy: 6-alpha-11-beta-dihydroxy	Triterpene	Not Stated	Trinidad	Not Stated	N02487
Gedunin, 7-deacetoxy: 6-alpha-7-alpha-11-beta-trihydroxy	Triterpene	Not Stated	Trinidad	Not Stated	N02487
Gedunin, 7-desacetoxy-7-keto	Triterpene	Seed	Not Stated	Not Stated	ZZ1022
Gedunin, 7-deacetoxy: 7-alpha-hydroxy	Triterpene	Not Stated	Trinidad	Not Stated	N02487
Gedunin, 11-beta-acetoxy	Triterpene	Bark	Not Stated	Not Stated	ZZ1022
Hexadecenoic acid	Lipid	Seed	Not Stated	1%	BR1004

Compound	Chemical type	Plant Part	Plant Origin	Quantity	Ref #
Linoleic acid	Lipid	Seed	Not Stated	9%	BR1003
Linolenic acid	Lipid	Seed	Not Stated	0.3%	BR1003
Oleic acid	Lipid	Seed	Not Stated	275,000-375,000 ppm	ZZ1022
Palmitic acid	Lipid	Seed	Not Stated	55,000-65,000 ppm	ZZ1022
Palmitoleic acid	Lipid	Seed	Not Stated	1%	BR1003
Stearic acid	Lipid	Seed	Not Stated	220,000-260,000 ppm	ZZ1022

#### PHYTOCHEMICAL SCREENING

ALKALOIDS PRESENT      SEED      A01890  
    BARK      L16047

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