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Acerola, Guarana, Yerba Mate
and more since 2013

Acerola

Malpighia glabra

Guarana

Paullinia cupana

Yerba Mate

Ilex paraguariensis

Coconut Water

Cocos nucifera


ACEROLA
NATURALLY RICH
IN VITAMIN C
YERBA MATE
NATURAL ENERGY
& FOCUS
NATURAL ENERGY.
CLEAN INGREDIENTS.
MADE FOR MORE.
GUARANA
NATURAL SOURCE
OF CAFFEINE
COCONUT WATER
NATURALLY
HYDRATING

PRODUCT CATALOGUE OVERVIEW

Botanical Extract Portfolio

Acerola, Guarana, Yerba Mate and more…

Acerola

Malpighia glabra

Guarana

Paullinia cupana

Yerba Mate

Ilex paraguariensis

Coconut Water

Cocos nucifera

Four Botanical Platforms, One Functional Portfolio

01

Acerola

Fruit extract

Vitamin C focus

17% and 25% standardization

Conventional and organic variants

02

Guarana

Seed extract / powder

Botanical caffeine

10%, 12%, and 22% markers

Premium, added-caffeine, and organic options

03

Yerba Mate

Leaf extract

Caffeine and flavor roles

Pure green mate extracts

04

Coconut Water

Water powder

Hydration appeal

Conventional and organic formats

Portfolio Snapshot by Botanical Source

BOTANICAL SOURCE	SCIENTIFIC NAME	USED PART	PRODUCT DIRECTION
01 Acerola	*Malpighia glabra*	Fruit	Vitamin C extracts
02 Guarana	*Paullinia cupana*	Seeds	Caffeine extracts and powders
03 Yerba Mate	*Ilex paraguariensis*	Leaf / leaf only	Caffeine extracts and flavor-rich pure extracts
04 Coconut Water	*Cocos nucifera*	Water	Coconut water powders

Acerola: A Native Source of Vitamin C

The Acerola range uses **Malpighia glabra L.** fruit to deliver standardized Vitamin C markers across conventional and organic formats.

Malpighia glabra L.

USED PART: FRUIT

17%

Standard Vitamin C

25%

High-concentration Vitamin C

Standardization is the defining quality marker for both organic and conventional routes.



ROUTE 01

Conventional extracts

Standardized at 17% or 25% Vitamin C using manioc maltodextrin. Nativ vitamin C or with added Vitamin C.

ROUTE 02

Organic extracts

Standardized at 17% Vitamin C using organic manioc maltodextrin or organic manioc starch.

Formulation fit

The Acerola platform is designed for manufacturers seeking **natural-origin Vitamin C** for functional food and beverage concepts.

Acerola Variants Enable Formulation Choice

The Acerola range separates standardization strategy, carrier system, organic positioning, and beverage-oriented sensory profile.

CODE FAMILY	PRODUCT FOCUS	COMPOSITION HIGHLIGHTS	POSITIONING
CON-ACE-17AVC CON-ACE-25AVC ADDED ACTIVE	17% or 25% Vitamin C with added Vitamin C	Acerola, maltodextrin, and ascorbic acid; 25% variant lists Vitamin C at 5–23%.	Higher standardization flexibility
CON-ACE-17MA CON-ACE-17MNF CONVENTIONAL BASE	17% Vitamin C Acerola extract	Acerola 50–70% with maltodextrin 30–50%.	Conventional baseline for broad use
ORG-ACE-17MA ORG-ACE-17ST ORGANIC CARRIER CHOICE	Organic 17% Vitamin C	Organic Acerola 50–70% with organic cassava maltodextrin or organic cassava starch at 30–50%.	Organic formulation positioning
ORG-ACE-17MNF ORG-ACE-17MNF02 UNFILTERED PROFILE	Organic unfiltered 17% Vitamin C	Organic Acerola 60–75% with organic cassava maltodextrin 25–40%; described as fruity.	Ideal for beverage production

Formulation takeaway

Acerola variants allow manufacturers to choose between **active standardization**, carrier preference, organic positioning, and fruity beverage suitability.

Guarana Delivers Natural Caffeine Options

The Guarana range uses **Paullinia cupana** seeds to support botanical caffeine positioning across conventional and premium formats.

Paullinia cupana

USED PART: SEEDS

10%	12%	22%
Standard extract options	Organic caffeine marker	Added-caffeine extract

Caffeine standardization is the defining marker for the product routes.



ROUTE 01

Conventional baseline

Guarana extract at 67–80% with maltodextrin.

ROUTE 02

Premium concentration

85% guarana and 15% maltodextrin for premium formats.

ROUTE 03

Organic and powder

Organic extracts and 100% seed powder options.

Formulation fit

The Guarana platform supports manufacturers seeking **botanical caffeine** and premium extract identity.

Guarana Range Spans Extracts and Powder

The Guarana platform ranges from standard botanical caffeine extracts to premium, added-caffeine, organic, and seed-powder options.

CODE FAMILY	PRODUCT TYPE	CAFFEINE MARKER	COMPOSITION HIGHLIGHTS
01 CON-GUA-10 Standard conventional extract	Guarana extract with maltodextrin carrier	10% caffeine	Guarana extract 67–80%; maltodextrin 20–33%.
02 CON-GUA-10-8:1 Premium extract	Premium Guarana extract, 8:1	10% caffeine	Guarana 85%; maltodextrin 15%.
03 CON-GUA-10AC / 22AC Added-caffeine extracts	Conventional extracts with added and native caffeine	10% or 22%	Manioc maltodextrin with added caffeine plus native Guarana caffeine fractions.
04 ORG-GUA-10W or B Organic extracts and powder	Organic extracts with maltodextrin; white or brownish color	10%	Organic Guarana with organic maltodextrin, or 100% seeds for organic Guarana powder.

Formulation reading

The range gives manufacturers a ladder of **caffeine density**, botanical positioning, and carrier choice across conventional and organic concepts.

All dosage and use recommendations remain application-dependent and subject to final product legal review.

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Yerba Mate Balances Caffeine and Flavor

The Yerba Mate range uses *Ilex paraguariensis* leaf materials to support both energy-oriented extracts and flavor-rich beverage development.

FUNCTIONAL ROUTE A

Caffeine-oriented extracts

Leaf material for energy concepts

8.5%

Conventional Yerba Mate extract options include 8.5% caffeine, with an added-caffeine variant available for higher formulation control.

CON-YER-085: Yerba Mate, maltodextrin

CON-YER-085AC: Yerba Mate, maltodextrin, caffeine

ORG-YER-050: organic extract with 5% caffeine

FUNCTIONAL ROUTE B

Pure green mate flavor extracts

Leaf-only material for beverage profile

Pure extracts are positioned for a rich flavor profile, high solids concentration, extended shelf life, and easier storage.

ORG-YER-02PUR: organic green mate pure extract

CON-YER-02PUR: green mate pure extract

Suggested strong flavor profile: up to 1%

Process note

Pure extract products are obtained through **aqueous extraction** of fresh green yerba mate leaves without stems, followed by **spray drying**.

Pure Green Mate Targets Beverage Development

Pure green mate extracts positioned as flavor-rich, high-solids alternatives to liquid extracts.

SOURCE AND PROCESS

Leaf-only mate

Ilex paraguariensis leaves

01 Aqueous extraction of fresh green leaves.

02 Drying via spray-drying for stable powder.

PRODUCT REGISTER

ORG-YER-02PUR

ORGANIC

Pure organic extract with a **rich flavor**.

CON-YER-02PUR

CONVENTIONAL

High-solids green mate extract.

BOTANICAL SOURCE



SUGGESTED DOSAGE

>0.20%

Light beverages

≤1%

Strong profile

Positioning

Unlike caffeine extracts, pure green mate emphasizes flavor, solids concentration, and shelf life.

Final dosage depends on application and legislation.

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Coconut Water Powder Adds Hydration Appeal

The coconut water powder range converts *Cocos nucifera* water into dry formats for instant beverage concepts.

Cocos nucifera

USED PART: WATER

70%	30%
Coconut Water	**Carrier**



CON-COC-WAT

Coconut Water Powder

Conventional powder: 70% coconut water, 30% carrier.

ORG-COC-WAT

Organic Powder

Organic version with the same 70/30 composition.

Portfolio role

Coconut water powder extends the portfolio into **hydration appeal** and beverage convenience.

Application Responsibility Remains with Manufacturers

The portfolio provides ingredient options, but use levels and final-product suitability must be evaluated for each application and target market.

STEP 01

Define the application

Recommended uses and dosage are **not universal**; they depend on the product format, intended use, and formulation context.

STEP 02

Check legislation

Ingredient use must be guided by **current legislation**, including any market-specific rules that apply to the final product.

STEP 03

Validate final compliance

It remains the **manufacturer's responsibility** to confirm that the application in the final product is legally appropriate.

Core compliance principle

"The recommendations of common uses and dosage depend on each application and are guided by current legislation."

Best-fit application areas

Beverages

Fruity, energy, hydration, and mate profiles

Functional blends

Vitamin C, caffeine, and botanical identity

Energy concepts

Guarana and Yerba Mate caffeine markers

Natural-origin formats

Organic, conventional, pure extract, and powder routes

Portfolio Value at a Glance

CLOSING PERSPECTIVE

A compact botanical portfolio with **clear functional anchors** and multiple formulation routes.

Across fruit, seed, leaf, and coconut water platforms, the range supports natural-origin concepts requiring Vitamin C, caffeine, flavor intensity, hydration appeal, or beverage compatibility.

01	Acerola	Vitamin C
02	Guarana	Caffeine
03	Yerba Mate	Caffeine & flavor
04	Coconut Water	Hydration appeal

Breadth

Four botanical platforms across fruits, seeds, leaves, and coconut water.

Flexibility

Conventional, organic, added-active, pure extract, and powder formats.

Functionality

Vitamin C, caffeine, flavor profile, hydration positioning, and beverage fit.

Commercial fit

Designed for differentiated natural-origin ingredient concepts.

Final takeaway

The portfolio is strongest where manufacturers need **ingredient differentiation** plus clear application-specific compliance review.

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