

PORTFOLIO AND SPECIFICATIONS

VINTERA™

HYTOLIVE®

SUSTAINABILITY

VALUES CHAIN

ALVINESA®
NATURAL INGREDIENTS

Olive extracts
Grape extracts
Natural color
Natural tartaric acid
Grape seed oil
Natural flavoring



Upcycled Natural Ingredients



VALUES CHAIN

Alvinesa optimizes all processes providing maximum value to our customers and their products.



ALVINESA®
N A T U R A L I N G R E D I E N T S

Alvinesa is a circular economy leader of sustainable plant-based ingredients.

We upcycle and transform agricultural coproducts, into valuable natural ingredients that promote healthy living for the Nutraceutical, Food & Beverage, Cosmetics and Animal Health industries.



CERTIFIED SOURCING

Alvinesa controls a sustainable, traceable, and waste prevention supply chain. We source the highest quality, no- and low- pesticide raw materials **from Spain**.

We have 100% raw material traceability with zero waste.



UNSURPASSED QUALITY STANDARDS

Alvinesa manufactures its ingredients to the highest quality standards.



CERTIFICATIONS



*Hydroxytyrosol.



Our ingredients are manufactured according to the current legislation and following the indications of both national and international agencies.



MANUFACTURING EXPERTISE

Applying more than 75 years of technical expertise, state-of-the-art manufacturing facility. Instead of chemical solvents, only water is used for gentle extraction, which preserves natural goodness.



75 years

Operational Expertise



200,000m²

Production Facilities Size
in **3 different** sites



230

Active Customers
in **25 different countries**



**320,000
tonnes**

Annual Capacity



KEY VALUES

- Your go-to supplier of sustainable, upcycled, natural ingredients.
- Own European manufacturing facility delivering a consistent and reliable supply chain and able to serve the smallest to the largest supply agreements.
- Committed to building the science and technical know-how behind our ingredients to support product development.





ALVINESA COMMITTED TO THE ENVIRONMENT

Alvinesa is at the forefront of the transition to a new, more sustainable era. Concerned about the environment and the future of new generations, we are committed to reducing global warming, food waste and greenhouse emissions with the following initiatives:

- ✓ **95% of the energy we use** is self produced from renewable sources including our own biomass and our own, **photovoltaic plant.**
- ✓ **100% of our process water is recycled.**
- ✓ **Zero waste.** After our production process, the residue is used as biomass.
- ✓ We adhere to two of SBT's global targets to **reduce global warming by 1.5°C and reduce Greenhouse gas (GHG) emissions by 50%** by 2030.





Alvinesa uses 100% upcycled raw material to produce Grape and Olive extracts - Zero waste!

Member of
UPCYCLED
FOOD ASSOCIATION

**WE ARE PROUD MEMBERS OF THE
UPCYCLED FOOD ASSOCIATION.**

**Alvinesa upcycles by-products from
olive oil and wine production into
valuable natural ingredients that
also have health benefits.**



Olive Fruit Extract

Hytolive® contains a high purity of natural hydroxytyrosol (up to 25%). Hydroxytyrosol is a remarkable compound that has gained significant attention in recent years due to its proven health benefits and unique properties. It is a natural phenolic compound found abundantly in olives and olive oil, it is considered a key bioactive compound responsible for the numerous health benefits associated with Mediterranean diet.

Its remarkable ability to neutralize harmful free radicals plays a crucial role in protecting cells and tissues from oxidative stress. The health benefits include:



Improve
cardiovascular
health



Support
joint health



Brain
protection



May support
skin health



Anti-aging

Applications



Functional Foods



Functional Beverages



Supplements



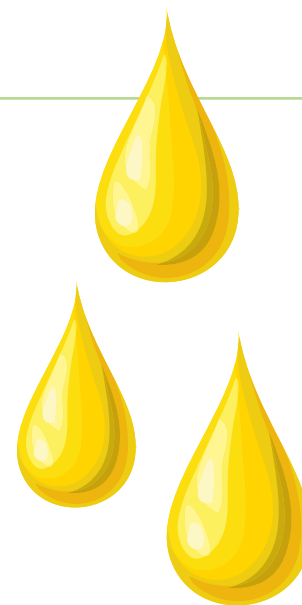
Cosmetics



Food Protection



Animal Nutrition



**HYTOlive**
OLIVE YOUR LIFE

**Olive polyphenols
contribute to the protection
of blood lipids from
oxidative stress.***



*EFSA claim.



VINTERA™ PORTFOLIO INCLUDE:



All of our natural ingredients from grapes are under the Vintera™ brand.



Grape Extract Rich in Polyphenols

The grape ingredient include skin and seeds, which supply a mixture of polyphenol compounds with a synergistic effect.

Grape extract is rich in antioxidants, particularly proanthocyanidins and anthocyanins which are compounds that have been shown to have health benefits, including:



Improve cardiovascular health



Help to reduce oxidative stress



May help improve brain function



Digestive health



Boost the immune system



Maintain healthy skin



2 *In vivo* studies
Clinical study ongoing

Applications



Supplements



Functional Foods



Functional Beverages



Nutricosmetics



Animal Nutrition



Food Protection



Natural Color (anthocyanins)

Grape skins contain natural pigments called anthocyanins, which can be used to create natural colors. Natural colors from grape skins can be used in a variety of applications:

Applications



Food Coloring

Cosmetics

Beverages

Overall, natural colors from grape skin can be a great alternative to synthetic food dyes and chemical-based dyes and pigments. They offer a natural and sustainable way to add color to a variety of products.



Natural Tartaric Acid

Alvinesa are one of the world's biggest producers of natural tartaric acid. Natural tartaric acid, is a white crystalline organic acid that is commonly found in fruits such as grapes. It has a sour taste and is often used as a flavoring agent and acidity regulator in food and beverages.

Applications



Food Preservation



Baby Food and Pharmaceuticals



Flavoring Agent



**Supplements as
an excipient**



Baking



Personal Care



VINTERA™ PORTFOLIO:



Grape Seed Oil: A Novel Functional Food

The interest in grape seed oil as a functional food product has increased, especially because of its high levels of hydrophilic constituents, such as phenolic compounds, and lipophilic constituents, such as vitamin E, unsaturated fatty acids (UFAs), and phytosterols.

Here are some potential benefits of grape seed oil:



May have
anti-inflammatory
properties



Help support
skin health



May support
hair health

Applications



Cooking



Salad Dressing



Marinade



Supplements





Natural Flavoring

Wine concentrate is a versatile ingredient that can add flavor, depth, and nutritional value to a variety of products.

Applications

 **Wine Production**

 **Flavoring**

 **Beverages**

 **Desserts**

 **Supplements**





PORTFOLIO AND SPECIFICATIONS:

VINTERA™ GRAPE EXTRACT RICH IN POLYPHENOLS

PRODUCT NAME	SKU	Polyphenols	Proanthocyanidins	Monomers	Anthocyanins
HUMAN NUTRITION					
Vintera™ Premium Red Grape**	55702SS	NLT 100% (OD 280nm) NLT 70% (Folin-Ciocalteu)	-	-	NLT 1.0 (HPLC-DAD)
Vintera™ Grape seed extract**	55703	NLT 100% (OD 280nm) NLT 85% (Folin-Ciocalteu)	NLT 99% (Porter)	-	-
Vintera™ Grape seed extract M	55703P	NLT 100% (OD 280nm) NLT 85% (Folin-Ciocalteu)	NLT 99% (Porter)	NLT 5 to 15% (HPLC-DAD)	-
Vintera™ Organic Grape seed extract**	55703E	NLT 100% (OD 280nm) NLT 85% (Folin-Ciocalteu)	-	-	-
Vintera™ White Grape Skin Extract	55705	NLT 65% (OD 280nm)	-	-	-
Vintera™ White Pomace Extract**	55709	NLT 50% (OD 280nm)	-	-	-
ANIMAL NUTRITION*					
Vintera™ Grape Extract Feed	55707	NLT 80% (OD 280nm)	NLT 60% (Porter)	-	NLT 0.75 (HPLC)

VINTERA™ NATURAL COLORS

PRODUCT NAME	SKU	Red Index (Ev)	Brown Index (IB)	Blue Index (IV)	Product Format	Shelf Life
Vintera™ Grape Skin Extract EV2-3	55700	Between 2 and 4	Between 0.45 and 0.65	Between 0.30 and 0.60	Liquid	4 months
Vintera™ Grape Skin Extract EV12	55710	Between 11 and 13	Between 0.40 and 0.65	Between 0.30 and 0.60	Powder	2 years

VINTERA™ NATURAL TARTARIC ACID

PRODUCT NAME	SKU	Granulometry	Organoleptic	Stability	Shelf Life
Vintera™ Natural Tartaric Acid L (+) E334	50010	Available in six different granulometry versions	Crystal or crystalline free-flowing white powder. Odorless	High stability to air and light and hygroscopic to a relative moisture up to 75%	5 years

VINTERA™ RED WINE CONCENTRATE

PRODUCT NAME	SKU	Product Format	Shelf Life
Vintera™ Red Wine Extract 55Bx	56000	Liquid	1 year
Vintera™ Red Wine Extract 42Bx	56001	Liquid	1 year

*Vitamin E substitution. **Functional Pet Nutrition.

HPLC: High Performance Liquid Chromatography; **HPLC-DAD:** High Performance Liquid Chromatography and Diode-Array Detection; **NLT:** Not Less Than; **nm:** nanometer; **OD:** Optical Density.

FOOD PROTECTION

PRODUCT NAME	SKU	Polyphenols	Proanthocyanidins	Format
Vintera™ White Pomace Extract**	55709	NLT 50% (OD 280nm)	–	Powder
Vintera™ White Pomace Extract**	55715	NLT 50% (OD 280nm)	–	Liquid
Vintera™ Grape seed extract**	55703	NLT 100% (OD 280nm)	NLT 99% (Porter)	Powder
		NLT 85% (Folin-Ciocalteu)		
Oleafresh®	40615	2% natural hydroxytyrosol	–	Powder; without organoleptic impact
Olive water	40210	1.4% natural hydroxytyrosol	–	Liquid
Olive fruit extract	41610	8% natural hydroxytyrosol	–	Powder

HYTOLIVE®. OLIVE FRUIT EXTRACT

PRODUCT NAME	SKU	Hydroxytyrosol (HPLC)	Format
HUMAN NUTRITION			
Hytolive®	40613	1.5% natural hydroxytyrosol	Powder
Hytolive®	40610	10% natural hydroxytyrosol	Powder
Hytolive®	40310	25% natural hydroxytyrosol	Syrup
Hytolive® soft	40610-M	10% natural hydroxytyrosol	Powder. Soft gelatin capsule
Hytolive® BEV	40614	2% natural hydroxytyrosol	Powder. Drinks without organoleptic impact
Hytolive® Infinity	Powder: 40810	(0.1% olive polyphenols: hydroxytyrosol and tyrosol):	Oily extract for edible oils and omega-3 oils
	Olive Oil: 4081010		
	Extra Virgin Olive Oil: 4081011		
	High Oleic Sunflower oil: 4081012		
	Grape Seed Oil: 4081013		
	Soya oil: 4081014		
ANIMAL NUTRITION*			
Olive fruit extract	40110	25% natural hydroxytyrosol	Syrup
Olive fruit extract	41610	8% natural hydroxytyrosol	Powder
Olive fruit extract	40612	5% natural hydroxytyrosol	Powder
Olive fruit extract	41611	2% natural hydroxytyrosol	Powder
Olive fruit extract liquid	40227	1.4% natural hydroxytyrosol	Liquid



*Vitamin E substitution. **Functional Pet Nutrition.

HPLC: High Performance Liquid Chromatography; **NLT:** Not Less Than; **nm:** nanometer; **OD:** Optical Density.



ALVINESA®
N A T U R A L I N G R E D I E N T S

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