

**NATURAL VANILLIN, ONE OF THE MOLECULES RESPONSIBLE FOR THE FAMOUS VANILLA TASTE**  
[www.ennolys.com](http://www.ennolys.com)

## Vanilla, the world's number one flavor



A natural flavor that has become the favorite flavor of consumers



Taste due to the presence of vanillin

### What is vanillin?

Vanillin is a natural flavoring substance contained in the vanilla bean.

## Problems related to the production of vanillin from vanilla beans



**Environment:**  
production is dependent on climatic conditions



**Price:**  
vanilla is one of the most expensive spices after saffron



**Availability:**  
supply < demand:  
↳ Producers do not wait for the complete maturity of the pods  
↳ Impact on quality

The solution : **Ennallin**, a natural and sustainable molecule derived from fermentation

Faced with the constraints of vanillin, Ennolys offers Ennallin, a **natural vanillin produced by fermentation**. Obtained from a **rice bran extract** and rigorously selected micro-organisms, Ennallin is a solution:

► **Sustainable:**  
available all year round and made in France

► **Natural:**  
obtained by fermentation from natural raw materials

► **Competitive:**  
affordable thanks to a stable and controlled production

## THE ADVANTAGES OF ENNALLIN

### Organoleptics

- Vanilla note accompanied by milky and almondy touches
- Boosts the chocolate and fruity note
- Reduces acidity
- Breaks the bitterness
- Masks the off-notes
- Brings an organoleptic signature

### Nutritional

- Reduces the amount of sugars in sweet preparations
- Provides roundness and mouthfeel

## A HIGH QUALITY MOLECULE

► **In accordance with the regulations:** complies with the requirements of the European (EC 1334/2008) and American (natural US according to the FDA 101.22(3) guidelines) regulations

► Numerous **physicochemical and organoleptic controls**

## ENNALLIN'S APPLICATIONS



Dairy products



Chocolates and confectionery



Pastries, cakes, biscuits & brioche



Nutrition & health products



Beverages

## A FLAVOR OF CHOICE FOR MANUFACTURERS

- Responds to trends in **naturalness and sustainability**
- Assured **quality and safety**
- Reduced **production costs**



Natural  
EU & US



MADE IN  
FRANCE



OGM  
FREE



HALAL



KOSHER