

## **Profood ProFood International, Inc.**

## **Natural Vanillin**

Due to increased demand of natural vanillin, there are currently 4 ways to obtain Natural vanillin. The first is directly from the vanillin beans, the second one via Eugenol followed by oxidation, the third one from fermentation of ferulic acid, and the latest one is by a patented process via distillates (cresol[4-methylguaiacol]) from the selected plants, followed a natural oxidation, which is the way this product is made from.

The advantage of this product is its higher purity (99%) vs. commonly 95%, and competitiveness in the cost. This product and process is verified by EU.

Product #:	FS1604	
Product Name:	VANILLIN, Natural, ex distillation	
FEMA #:	3107	
CAS #:	121-33-5	
EINECS #:	204-46-52	
FLAVIS #:	5.018	
Odor Characteristics:	Sweet, Vanilla	
HS Code:	2912.41.0000	
Empirical Formula:		
Melting Point (°C):	81.0	
Boiling Point (°C):	170.0	
Flash Point (°C):	110.0	
Molecular weight:	152.147	
Assay:	98% min.	
Solubility:	Partly soluble in water; soluble in most organic solvents.	
Storage:	In tightly closed container away from light and source of ignition at max 20°C	

Eugenol	Cresol	Ferulic acid
	HO O-CH <sub>3</sub>	HO CH <sup>3</sup>

BRC global standard, ISO, Kosher.