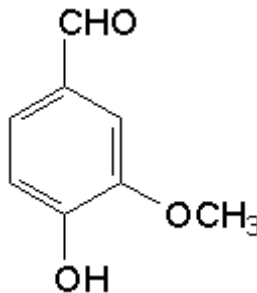


SPECIFICATION SHEET

VERSION	2,00	VERSION DATE	19/09/22	PRINT DATE	19/04/24
PRODUCT	VANILLIN (EX-CLOVE/EUGENOL)				
APPLICATIONS	Industrial raw material not intended for direct use.				
IUPAC NAME	4-HYDROXI-3-METHOXYBENZALDEHYDE				
SYNONYMS	4-HYDROXI-3-METHOXYBENZALDEHYDE				
PLANT OF ORIGIN					
PART OF THE PLANT	CLOVE OIL				
FORMULA	C8 H8 O3				
MOLECULAR WEIGHT	152,00				
CAS	121-33-5				
EINECS	204-465-2				
FEMA	3107				
TARIFF NUMBER	2912410000				
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST				
REACH REGISTRATION NO.	Exempt from registration (according to article 2.5 of REACH)				



SPECIFICATIONS

ASPECT AT 20°C	CRYSTALLINE POWDER
COLOUR	WHITE TO PALE YELLOW
ODOUR	VANILLA-LIKE
TASTE	VERY SWEET
DENSITY AT 20°C (g / ml)	-
DENSITY 25/25	-
REFRACTIVE INDEX nD20	-
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	284 - 285 (DECOMPOSITION)
MELTING POINT (°C)	81 - 83
FLASH POINT (°C)	147,00
ASSAY (% GC)	> 99
ACID VALUE (mg KOH/g)	-
SOLUBILITY	10 g/L IN WATER (25°C).
VAPOUR PRESSURE	1 mm Hg (107°C)
OTHER SOLUBILITIES	SOLUBLE 1:2 IN ETHANOL. 620 g/L IN ETHANOL 70°(20°C).

OTHER TECHNICAL DATA

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 60 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS.

THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.