



SPECIFICATION SHEET

PRODUCT	VANILLIN (EX-CLOVE/EUGENOL)
IUPAC NAME	4-HYDROXI-3-METHOXYBENZALDEHYDE
SYNONYMS	4-HYDROXI-3-METHOXYBENZALDEHYDE
PART OF THE PLANT	CLOVE OIL
FORMULA	C ₈ H ₈ O ₃
MOLECULAR WEIGHT	152.00
CAS	121-33-5
EINECS	204-465-2

SPECIFICATIONS

ASPECT AT 20° C	CRYSTALLINE POWDER
COLOUR	WHITE TO PALE YELLOW
ODOUR	VANILLA-LIKE
TASTE	PLEASANT VANILLA TASTE
DENSITY @ 20° C (g / ml)	1.056-1.058
DENSITY 25/25	-
REFRACTIVE INDEX n _D 20	-
BOILING POINT (°C)	284-285 (DECOMPOSITION)
MELTING POINT (°C)	81-83
FLASH POINT (°C)	147.00
ASSAY (% GC)	>99
ACID VALUE (max KOH/g)	-
SOLUBILITY	10 g/l WATER 25°C; 620 g/l ETHANOL 70%/20°C
VAPOUR PRESSURE	1mm Hg (107°C)
OTHER SOLUBILITIES	SOLUBLE IN 1:2 IN ETHANOL

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. LAKSHMI SYNTHESIS, INDIA SHALL NOT BE HELD FOR ANY DAMAGE OR INJURY RESULTING FROM CONTACT OR HANDLING WITH ABOVE.

M/S LAKSHMI SYNTHESIS

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