



SPECIFICATION SHEET

VERSION 1

VERSION DATE 28/11/07

PRODUCT	EUGENOL, NATURAL
IUPAC NAME	4-ALLYL-2-METHOXYPHENOL
SYNONYMS	4-ALLYL-2-METHOXYPHENOL
PLANT OF ORIGIN	Eugenia caryophyllata Thumb.
PART OF THE PLANT	LEAVES
FORMULA	C ₁₀ H ₁₂ O
MOLECULAR WEIGHT	164
CAS	97-53-0
EINECS	202-589-5
FEMA	2467
CoE	171
FDA	184.1257
TARIFF NUMBER	2909500090
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	Not available. Substance lawfully placed in the EU market before 1 June 2018

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO YELLOW
ODOUR	STRONG, CLOVE-LIKE, SPICY
DENSITY AT 20°C (g/ml)	1,064 – 1,07
REFRACTIVE INDEX n_D20	1,54 – 1,542
BOILING POINT (°C)	256 °C (1 atm)
MELTING POINT (°C)	- 9
FLASH POINT (°C)	110
ASSAY (%GC)	> 99
ACID VALUE (mg KOH/mg)	-
SOLUBILITY	INSOLUBLE IN WATER,
VAPOUR PRESSURE	0,009 mm Hg (20°C, calculated)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.