

SPECIFICATION SHEET

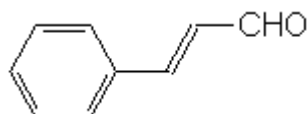
VERSION 5,00 **VERSION DATE** 12/09/22 **PRINT DATE** 21/12/24

PRODUCT CINNAMIC ALDEHYDE
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 3-PHENYL-2-PROPENAL
SYNONYMS CINNAMAL, CINNAMALDEHYDE

FORMULA C9 H8 O
MOLECULAR WEIGHT 132,16
CAS 104-55-2

EINECS 203-213-9

FEMA 2286
TARIFF NUMBER 2912290035



FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. 01-2119935242-45

SPECIFICATIONS

ASPECT AT 20°C CLEAR MOBILE LIQUID
COLOUR PALE YELLOW
ODOUR STRONG, SWEET, BALSAMIC, CINNAMON BARK
TASTE SWEET, CINNAMON
DENSITY AT 20°C (g / ml) 1,047 - 1,051
DENSITY 25/25 1,046 - 1,050
REFRACTIVE INDEX nD20 1,6190 - 1,6250
REFRACTIVE INDEX nD25 -
OPTICAL ROTATION (°) /
BOILING POINT (°C) 251 (1013mbar)
MELTING POINT (°C) -8
FLASH POINT (°C) 105,00
ASSAY (% GC) > 98
ACID VALUE (mg KOH/g) < 5
SOLUBILITY SOLUBILITY IN WATER: 1,4 g/L (18°C)
VAPOUR PRESSURE < 0,01 kPa (20°C)
OTHER SOLUBILITIES SOLUBLE IN ETHANOL. 1:3 v/v ETHANOL 70%.

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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
PURGE HEADSPACE WITH NITROGEN.

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.