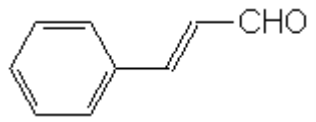
SPECIFICATION SHEET

VERSION	5,00	**VERSION DATE**	12/09/22	**PRINT DATE**	29/03/24

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 20ºC	CLEAR MOBILE LIQUID
COLOUR	PALE YELLOW
ODOUR	STRONG,SWEET,BALSAMIC,CINNAMON BARK
TASTE	SWEET, CINNAMON
DENSITY AT 20ºC (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 (º)	/
BOILING POINT (ºC)	251 (1013mbar)
MELTING POINT (ºC)	-8
FLASH POINT (ºC)	105,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	SOLUBILITY IN WATER: 1,4 g/L (18ºC)
VAPOUR PRESSURE	< 0,01 kPa (20ºC)
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.