

SPECIFICATION SHEET

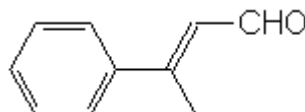
VERSION 4,00 **VERSION DATE** 04/07/24 **PRINT DATE** 04/11/24

PRODUCT METHYL CINNAMIC ALDEHYDE ALPHA
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 2-METHYL-3-PHENYL-2-PROPEN-1-AL
SYNONYMS 2-METHYL-3-PHENYL-2-PROPEN-1-AL/METHYLCINNAMALDEHYDE/CYPRINAL

FORMULA C10 H10 O
MOLECULAR WEIGHT 146,00
CAS 101-39-3

EINECS 202-938-8

FEMA 2697
TARIFF NUMBER 2912290090



REACH REGISTRATION NO. 01-2119538797-21

SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	YELLOW
ODOUR	SPICY, CINNAMON, SWEET, FLORAL
TASTE	SPICY, CINNAMON, SWEET, WOODY, HOT
DENSITY AT 20°C (g / ml)	1,035 - 1,040
DENSITY 25/25	1,034 - 1,039
REFRACTIVE INDEX nD20	1,6020 - 1,6070
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	287°C (1 atm)
MELTING POINT (°C)	-
FLASH POINT (°C)	93,00
ASSAY (% GC)	MAJOR PEAK > 95%; ISOMER < 3%; SUM ALDEHYDES > 98%
ACID VALUE (mg KOH/g)	< 3
SOLUBILITY	INSOLUBLE IN WATER
VAPOUR PRESSURE	0,017 mm Hg (25°C)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

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 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
ANTIOXIDANT: 0,05% DL-ALPHA-TOCOPHEROL. 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.