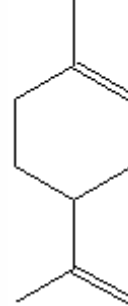


SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 14/09/20 **PRINT DATE** 28/06/22

PRODUCT	LIMONENE-L 70
APPLICATIONS	Raw material for industrial use intended for the manufacture of flavours and/or fragrances.
IUPAC NAME	1,8-PARA-MENTHADIENE
SYNONYMS	
FORMULA	C10 H16
MOLECULAR WEIGHT	136,24
CAS	5989-54-8
EINECS	227-815-6
FEMA	2633
TARIFF NUMBER	2902190000
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	01-2119958629-18



SPECIFICATIONS

ASPECT AT 20°C	CLEAR MOBILE LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	CHARACTERISTIC, LEMON-LIKE
TASTE	
DENSITY AT 20°C (g / ml)	0,842 - 0,847
DENSITY 25/25	-
REFRACTIVE INDEX nD20	1,4720 - 1,4760
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (°)	-80,00 / -70,00
BOILING POINT (°C)	ca. 177°C
MELTING POINT (°C)	-
FLASH POINT (°C)	49,00
ASSAY (% GC)	> 88
ACID VALUE (mg KOH/g)	< 0,5
SOLUBILITY	NEARLY INSOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBILITY IN ETHANOL 90°: 1:7 CLEAR+CLEAR

OTHER TECHNICAL DATA	PEROXIDE INDEX < 20 mmol/L; L-LIMONENE + D-LIMONENE + ALPHA-TERPINENE + PARA-CYMENE + GAMMA-TERPINENE + TERPINOLENE > 95%
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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.
IT CONTAINS 0,01% OF SYNTHETIC 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 TECHNOLOGICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.