

SPECIFICATION SHEET

VERSION 4,00 **VERSION DATE** 14/09/20 **PRINT DATE** 04/05/24

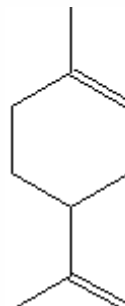
PRODUCT LIMONENE-L 70
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME 1,8-PARA-MENTHADIENE
SYNONYMS

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	TERPENIC, PINE, HERBAL, PEPPERY
TASTE	
DENSITY AT 20°C (g / ml)	0,842 - 0,847
DENSITY 25/25	-
REFRACTIVE INDEX n_D20	1,4720 - 1,4760
REFRACTIVE INDEX n_D25	-
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-CYMENTHENE + GAMMA-TERPINENE + TERPINOLENE > 95%

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 TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.