

## SPECIFICATION SHEET

**VERSION** 1,00 **VERSION DATE** 09/06/20 **PRINT DATE** 04/05/24

**PRODUCT** BETA-FARNESENE NATURAL 90 BIOTECH  
**APPLICATIONS** Industrial raw material not intended for direct use.  
**IUPAC NAME** (6E)-7,11-DIMETHYL-3-METHYLIDENEDODECA-1,6,10-TRIENE  
**SYNONYMS**

**PLANT OF ORIGIN**  
**PART OF THE PLANT**

**FORMULA** C<sub>15</sub> H<sub>24</sub>

**MOLECULAR WEIGHT** 204,40

**CAS** 18794-84-8

**CAS 2** 77129-48-7

**EINECS** 242-582-0

**EINECS 2** 278-628-1

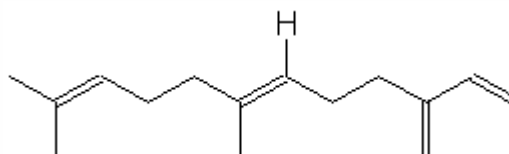
**FEMA** 4971

**TARIFF NUMBER** 2901290000

**KOSHER CERTIFICATE** AVAILABLE ON REQUEST

**FOOD GRADE CERTIFICATE** AVAILABLE ON REQUEST

**REACH REGISTRATION NO.** 01-2120067663-51



## SPECIFICATIONS

<b>ASPECT AT 20°C</b>	CLEAR MOBILE LIQUID
<b>COLOUR</b>	FROM COLORLESS TO PALE YELLOW
<b>ODOUR</b>	HERBAL, FRESH GREEN, SWEET
<b>TASTE</b>	WOODY, ASTRINGENT, VEGETATIVE
<b>DENSITY AT 20°C (g / ml)</b>	0,790 - 0,830
<b>DENSITY 25/25</b>	-
<b>REFRACTIVE INDEX n<sub>D</sub>20</b>	1,4500 - 1,5300
<b>REFRACTIVE INDEX n<sub>D</sub>25</b>	-
<b>OPTICAL ROTATION (°)</b>	/
<b>BOILING POINT (°C)</b>	> 145
<b>MELTING POINT (°C)</b>	< -20
<b>FLASH POINT (°C)</b>	116,00
<b>ASSAY (% GC)</b>	> 90%
<b>ACID VALUE (mg KOH/g)</b>	-
<b>SOLUBILITY</b>	INSOLUBLE IN WATER
<b>VAPOUR PRESSURE</b>	0,1 kPa (25°C)
<b>OTHER SOLUBILITIES</b>	SOLUBLE IN ETHANOL, TRIACETIN AND ESSENTIAL OILS.

**OTHER TECHNICAL DATA** IT MAY FORM POLYMERIC BY-PRODUCTS DURING STORAGE. ORGANOLEPTIC PROPERTIES MAY WEAKEN.

## 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. RECOMMENDED STORAGE TEMPERATURE: 0-4°C. CONTAINS 0,1% TOCOPHEROL NAT.

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.