



## Gas Chromatography Analysis

Dear Customer,

Attached you will find the results of gas chromatography analysis based on the information provided by our Producer/Laboratory for:

**Sample Reference: 2505**

We testify that the Chromatographic Analysis (GC) for the mentioned sample is identical with:

**Product No.: 2505**  
**Product Name: Pistache (Mastix) organic**  
**Botanical Name: Pistacia lentiscus**  
**Batch No : 1019096**

Bühl, 2019-04-11

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Dr. David Nayan

| TR FID | Compound            | % GC/FID |
|--------|---------------------|----------|
| 7.339  | toluene             | 0,01     |
| 7.636  | aldehyde C8         | 0,01     |
| 8.047  | octane              | 0,01     |
| 8.651  | trans 2 hexenal     | 0,01     |
| 8.876  | cis 3 hexenol       | 0,01     |
| 9.184  | alcohol C8          | 0,01     |
| 11.439 | tricyclene          | 0,67     |
|        | alpha thuyene       | 0,43     |
| 11.908 | alpha pinene        | 34,55    |
| 12.176 | alpha fenchene      | 0,02     |
| 12.272 | camphene            | 2,54     |
| 12.963 | sabinene            | 3,14     |
| 13.236 | beta pinene         | 7,33     |
| 13.483 | beta myrcene        | 12,60    |
| 14.072 | alpha phellandrene  | 1,50     |
| 14.533 | alpha terpinene     | 2,05     |
| 14.620 | paracymene          | 0,87     |
| 15.098 | limonene            | 7,81     |
|        | beta phellandrene   | 2,73     |
|        | eucalyptol          | 0,14     |
| 15.508 | trans beta ocimene  | 1,08     |
| 16.117 | gamma terpinene     | 3,33     |
| 16.806 | nonanone 2          | 0,14     |
| 17.042 | dehydroparacymene   | 0,10     |
| 17.323 | terpinolene         | 1,25     |
|        | linalol             | 0,05     |
|        | aldehyde C9         | 0,02     |
| 18.106 | thuyone             | 0,02     |
| 18.179 | fenchol             | 0,03     |
| 19.156 | camphre             | 0,03     |
| 19.240 | trans pinocarveol   | 0,07     |
| 20.341 | borneol             | 0,03     |
| 20.833 | 4 terpinenol        | 2,44     |
| 21.141 | methyl salicylate   | 0,02     |
| 21.311 | alpha terpineol     | 0,48     |
| 25.507 | acetate bornyle     | 0,89     |
|        | methyl nonyl cetone | 0,46     |
| 25.795 | carvacrol           | 0,01     |
| 28.123 | acetate terpenyle   | 0,05     |
| 28.317 | delta elemene       | 0,17     |
| 28.882 | alpha cubebene      | 0,06     |
| 29.618 | methyl eugenol      | 0,01     |
| 29.872 | ylangene            | 0,03     |
| 30.068 | alpha copaene       | 0,18     |
| 30.422 | beta bourbonene     | 0,02     |
| 30.534 | beta elemene        | 0,38     |
| 31.470 | benzoate isoamyle   | 0,16     |
| 31.802 | beta caryophyllene  | 2,33     |
| 33.174 | alpha humulene      | 0,47     |
| 33.937 | gamma muurolene     | 0,51     |
| 34.100 | alpha amorphene     | 0,23     |
| 34.233 | germacrene D        | 2,00     |
| 34.438 | beta selinene       | 0,11     |
| 34.806 | alpha muurolene     | 0,61     |
| 35.350 | gamma cadinene      | 0,26     |
| 35.468 | calamenene          | 0,06     |
| 35.670 | delta cadinene      | 1,32     |
| 35.778 | alpha elemene       | 0,10     |
| 36.383 | elemol              | 0,03     |
| 37.856 | oxyde caryophyllene | 0,09     |
| 41.302 | alpha bisabolol     | 0,04     |
| 43.373 | benzyl benzoate     | 0,02     |
| 50.602 | m camphorene        | 0,15     |
| 51.678 | p camphorene        | 0,05     |
|        | Total               | 96,13    |

