



## Gas Chromatography Analysis

Dear Customer,

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

**Sample Reference** 1856

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

**Product Name:** Lavandin grosso organic  
**Botanical Name:** Lavandula hybrida  
**Batch No.:** 1043341

The data is based on our current knowledge.  
The results of analysis do not release the customer from its own controls.  
This document was created electronically and is valid without signature.

| Component Name                | Tr [min] | Area [%] |
|-------------------------------|----------|----------|
|                               | 5.06     | 0.02     |
| pinene <alpha>                | 6.34     | 0.39     |
| thujene <alpha>               | 6.43     | 0.06     |
| camphene                      | 7.32     | 0.25     |
| pinene <beta>                 | 8.38     | 0.42     |
| sabinene                      | 8.74     | 0.14     |
| carene <delta-3>              | 9.56     | 0.05     |
| myrcene                       | 10.00    | 0.47     |
| limonene                      | 11.17    | 0.68     |
| cineole <1,8>                 | 11.51    | 6.86     |
| ocimene <(Z)-beta>            | 12.41    | 0.54     |
| terpinene <gamma>             | 12.81    | 0.06     |
| ocimene <(E)-beta>            | 13.02    | 0.19     |
| cymene <p>                    | 13.68    | 0.20     |
| hexyl acetate                 | 13.77    | 0.07     |
| terpinolene                   | 14.18    | 0.14     |
|                               | 16.48    | 0.11     |
| hexanol <n>                   | 16.76    | 0.15     |
| octenyl acetate<3>            | 17.88    | 0.15     |
| hexenol <(3Z)>                | 17.97    | 0.09     |
| hexyl butyrate                | 19.36    | 0.29     |
|                               | 19.83    | 0.04     |
| linalool oxide<cis>           | 20.29    | 0.09     |
| octen-3-ol <1>                | 20.53    | 0.12     |
| hexyl isovalerate             | 20.63    | 0.16     |
| sabinene hydrate <cis>        | 21.15    | 0.15     |
| linalool oxide<trans>         | 21.40    | 0.09     |
| daucene                       | 22.38    | 0.06     |
| camphor                       | 23.08    | 8.03     |
| sabinene hydrate <trans>      | 24.15    | 0.07     |
| linalool                      | 24.52    | 33.62    |
| linalyl acetate               | 24.98    | 29.98    |
|                               | 25.42    | 0.02     |
| santalene <alpha>             | 25.55    | 0.14     |
| bergamotene <(E)-alpha>       | 26.00    | 0.12     |
| caryophyllene <beta>          | 26.40    | 1.27     |
| terpinen-4-ol                 | 26.48    | 3.45     |
| lavandulyl acetate            | 26.78    | 2.50     |
|                               | 27.31    | 0.16     |
|                               | 28.16    | 0.05     |
| humulene<a>+farnesene <(E)-b> | 29.05    | 1.25     |
| lavandulol                    | 29.33    | 0.94     |
| terpineol <alpha>             | 29.98    | 1.11     |
| borneol                       | 30.16    | 2.56     |



| Component<br>Name            | Tr<br>[min] | Area<br>[%] |
|------------------------------|-------------|-------------|
| germacrene D                 | 30.47       | 0.36        |
| neryl acetate+bisabolene<b>  | 31.16       | 0.29        |
|                              | 31.90       | 0.05        |
| geranyl acetate              | 32.27       | 0.42        |
| cadinene <gamma>             | 32.33       | 0.22        |
| lavandulyl 2-methyl butyrate | 32.37       | 0.25        |
| sesquiphellandrene <beta>    | 32.72       | 0.05        |
| nerol                        | 33.74       | 0.13        |
| geraniol                     | 35.38       | 0.40        |
| caryophyllene <oxide>        | 39.76       | 0.12        |
| cadinol <epi-alpha>          | 45.74       | 0.09        |
| bisabolol <alpha>            | 47.13       | 0.18        |
| coumarine                    | 53.28       | 0.09        |
|                              |             | 100.00      |