

# Analytical Test Report

 Science First. OLCC#: 010-1002112892C ODA: AG-L1040657A  
 ORELAP ID: 4096  
 7200 Johnson Creek Blvd., Portland, OR 97206 (503) 307-0096

## High Purity D-Limonene B

Lab ID: 2506221-01

Oregon Essence Co.

METRC Batch ID: 06202527A

Date Sampled: 06/30/25

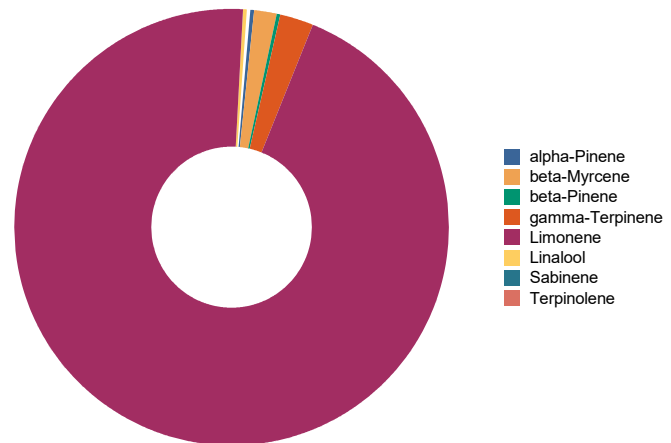
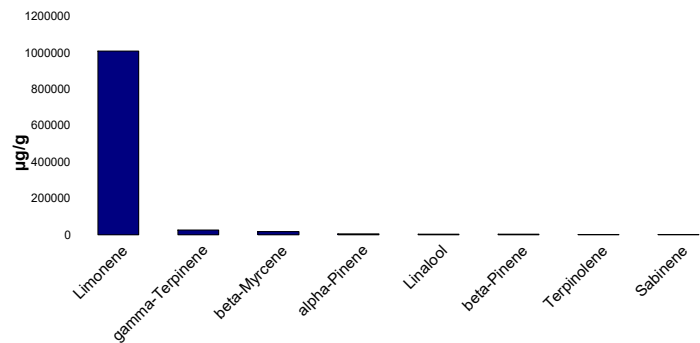
Date Printed: 08/27/25

Report cannot be used for OLCC/OHA compliance.

## Terpene Test Report

Analysis Method/SOP: Terp (Terpene Analysis is not ORELAP accredited.)

| Analyte                       | Result µg/g | Result % |
|-------------------------------|-------------|----------|
| alpha-Bisabolol               | < LOQ       | < LOQ    |
| Camphene                      | < LOQ       | < LOQ    |
| Camphor                       | < LOQ       | < LOQ    |
| delta-3-Carene                | < LOQ       | < LOQ    |
| beta-Caryophyllene            | < LOQ       | < LOQ    |
| Caryophyllene Oxide           | < LOQ       | < LOQ    |
| alpha-Cedrene                 | < LOQ       | < LOQ    |
| Cedrol                        | < LOQ       | < LOQ    |
| (1R)-endo-(+)-Fenchyl alcohol | < LOQ       | < LOQ    |
| Eucalyptol                    | < LOQ       | < LOQ    |
| Geraniol                      | < LOQ       | < LOQ    |
| Geranyl acetate               | < LOQ       | < LOQ    |
| Guaial                        | < LOQ       | < LOQ    |
| alpha-Humulene                | < LOQ       | < LOQ    |
| Isoborneol                    | < LOQ       | < LOQ    |
| Isopulegol                    | < LOQ       | < LOQ    |
| Limonene                      | 1008000     | 100.8    |
| Linalool                      | 3558        | 0.3558   |
| beta-Myrcene                  | 17330       | 1.733    |
| Nerolidol                     | < LOQ       | < LOQ    |
| Ocimene                       | < LOQ       | < LOQ    |
| alpha-Pinene                  | 4451        | 0.4451   |
| beta-Pinene                   | 3289        | 0.3289   |
| Pulegone                      | < LOQ       | < LOQ    |
| Sabinene                      | 1342        | 0.1342   |
| Sabinene hydrate              | < LOQ       | < LOQ    |
| gamma-Terpinene               | 26690       | 2.669    |
| alpha-Terpinene               | < LOQ       | < LOQ    |


 Chris Griffey  
 Lab Director



Sample tested in compliance with OAR 333-007 (TNI standards). Test results meet all requirements of NELAP and the Rose City Laboratories quality assurance plan unless otherwise noted. Samplings performed by RCL personnel follow sampling SOP 30. Samples not collected by RCL personnel are analyzed in "as received" condition. These results relate only to the sample(s) included on this report. The report may not be reproduced except in full, without the written permission of Rose City Labs. Unless otherwise indicated, all analytes included on this report are accredited by ORELAP.



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| Analyte               | Result µg/g    | Result %     |
|-----------------------|----------------|--------------|
| Farnesene             | < LOQ          | < LOQ        |
| Terpinolene           | 1354           | 0.1354       |
| Valencene             | < LOQ          | < LOQ        |
| Nerol                 | < LOQ          | < LOQ        |
| (+/-)-Borneol         | < LOQ          | < LOQ        |
| (+/-)-Fenchone        | < LOQ          | < LOQ        |
| alpha-Phellandrene    | < LOQ          | < LOQ        |
| Menthol               | < LOQ          | < LOQ        |
| alpha-Terpineol       | < LOQ          | < LOQ        |
| <b>Total Terpenes</b> | <b>1068000</b> | <b>106.8</b> |

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Laboratory ID: 2506221-01

## Quality Control Terpene Analysis

Batch: B25F218 - Terp

| Blank(B25F218-BLK1)         |        |          |       |                  |                |                |       |
|-----------------------------|--------|----------|-------|------------------|----------------|----------------|-------|
| Analyte                     | Result | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
| alpha-Bisabolol             | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Camphene                    | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Camphor                     | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| delta-3-Carene              | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| beta-Caryophyllene          | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Caryophyllene Oxide         | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| alpha-Cedrene               | < LOQ  | 0.004000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Cedrol                      | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| (1R)-endo-(+)-Fenchyl alcol | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Eucalyptol                  | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Geraniol                    | < LOQ  | 0.05000  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Geranyl acetate             | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Guaiol                      | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| alpha-Humulene              | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Isoborneol                  | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Isopulegol                  | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Limonene                    | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Linalool                    | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| beta-Myrcene                | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Nerolidol                   | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Ocimene                     | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| alpha-Pinene                | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| beta-Pinene                 | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Pulegone                    | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Sabinene                    | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Sabinene hydrate            | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| gamma-Terpinene             | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| alpha-Terpinene             | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Farnesene                   | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Terpinolene                 | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Valencene                   | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Nerol                       | < LOQ  | 0.5000   | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| (+/-)-Borneol               | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| (+/-)-Fenchone              | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |

Chris Griffey  
Lab Director

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## Quality Control Terpene Analysis (Continued)

Batch: B25F218 - Terp (Continued)

### Blank(B25F218-BLK1)

| Analyte            | Result | LOQ      | Units | %Recovery Limits | Extracted      | Analyzed       | Notes |
|--------------------|--------|----------|-------|------------------|----------------|----------------|-------|
| alpha-Phellandrene | < LOQ  | 0.005000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Menthol            | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| alpha-Terpineol    | < LOQ  | 0.02500  | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |
| Total Terpenes     | < LOQ  | 0.004000 | %     |                  | 06/30/25 10:45 | 06/30/25 14:19 |       |

### Notes and Definitions

- B Analyte detected in method blank, but not associated samples.
- B2 Analyte detected in sample and associate method blank.
- C Interference due to co-elution.
- D Initial result exceeded calibration range, reported data are based on analysis of a dilution.
- H Non-homogenous sample matrix affecting RPD and/or QC.
- I Manual Integration was performed.
- L Duplicate sample relative percent difference (RPD) exceeds QC limits.
- LCS 3 marginal exceedances allowed for pesticide LCS (51-71 analytes) & 2 marginal exceedances allowed for solvents LCS (31-50 analytes)
- M Anomalous results due to matrix interference.
- Q1 QC out of limits but acceptable based on remaining QC.
- Q2 Quality Control outside QC limits. Data considered estimate.
- Q3 CCV/LCS was above the acceptance criteria. Non-detect samples are considered acceptable.
- Q4 CCV/LCS was below the acceptance criteria, however the sample still exceeds the regulatory limit.
- R Marginal Exceedence.
- U Reported result is an estimate. The analyte was detected above the calibration range.
- X Problems with initial analysis, reported data are from reinjection of prepared sample.
- <LOQ - Results below the Limit of Quantitation - Compound not detected

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