

| Certificate of Analysis                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------|
| Product Name:                                                                                                                                                                                                                                                                                                                                                                                                                       | Organic Peppermint Essential Oil |        |
| Latin Binomial/INCI:                                                                                                                                                                                                                                                                                                                                                                                                                | Mentha piperita                  |        |
| Cultivation:                                                                                                                                                                                                                                                                                                                                                                                                                        | 100% Organic                     |        |
| Product Code/Lot Number:                                                                                                                                                                                                                                                                                                                                                                                                            | EO4511-CBZA                      |        |
| Material:                                                                                                                                                                                                                                                                                                                                                                                                                           | Aerial Parts                     |        |
| Country of Origin:                                                                                                                                                                                                                                                                                                                                                                                                                  | India                            |        |
| Date of Production:                                                                                                                                                                                                                                                                                                                                                                                                                 | March 20, 2024                   |        |
| Retest Date:                                                                                                                                                                                                                                                                                                                                                                                                                        | March 20, 2027                   |        |
| Ingredient Deck: 100% Organic Peppermint Essential Oil                                                                                                                                                                                                                                                                                                                                                                              |                                  |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |        |
| Specification                                                                                                                                                                                                                                                                                                                                                                                                                       | Expected                         | Result |
| Color:                                                                                                                                                                                                                                                                                                                                                                                                                              | Pale yellow to clear             | PASSED |
| Odor:                                                                                                                                                                                                                                                                                                                                                                                                                               | Fresh peppermint aroma           | PASSED |
| Appearance:                                                                                                                                                                                                                                                                                                                                                                                                                         | Mobile liquid                    | PASSED |
| Specific Gravity 20°C:                                                                                                                                                                                                                                                                                                                                                                                                              | 0.8900 - 0.9210                  | 0.9124 |
| Refractive Index 20°C:                                                                                                                                                                                                                                                                                                                                                                                                              | 1.4500 - 1.4650                  | 1.4616 |
| TEST                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |        |
| High Resolution Capillary Gas Chromatography using Agilent 6890, 30 meter DB-5 Capillary Column                                                                                                                                                                                                                                                                                                                                     | Menthol                          | 34.59% |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     | Menthone                         | 26.58% |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     | Isomenthone                      | 7.26%  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     | d-Limonene                       | 6.15%  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     | Menthyl Acetate                  | 5.48%  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |        |
| GRAS                                                                                                                                                                                                                                                                                                                                                                                                                                | LISTED                           | PASSED |
| No GMO Materials Used:                                                                                                                                                                                                                                                                                                                                                                                                              | NONE                             | PASSED |
| No Sewage Sludge:                                                                                                                                                                                                                                                                                                                                                                                                                   | NONE                             | PASSED |
| No Ionizing Radiation:                                                                                                                                                                                                                                                                                                                                                                                                              | NONE                             | PASSED |
| STORE IN TIGHT CONTAINERS IN A COOL PLACE (60 TO 78°F), PROTECTED FROM LIGHT.                                                                                                                                                                                                                                                                                                                                                       |                                  |        |
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