

# Fat Profile/Fatty Acid Analysis (with cis-cis polyunsaturates)

TO: Medallion Labs

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CUSTOMER ID S.N.E Inc.

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Analyst: Tom Steinbring

Description: Nopalina Flax Seed Plus Formula

|   | Normalized by Weight | % (w/w) as Triglyceride in Product | % (w/w) Fatty Acids in Product |                             |                                     |                   |
|---|----------------------|------------------------------------|--------------------------------|-----------------------------|-------------------------------------|-------------------|
|   |                      |                                    | Saturated Fatty Acids          | Monounsaturated Fatty Acids | cis-cis Polyunsaturated Fatty Acids | trans Fatty Acids |
| 4:0 Butyric   |                      |                                    |                                |                             |                                     |                   |
| 6:0 Caproic   |                      |                                    |                                |                             |                                     |                   |
| 8:0 Caprylic  |                      |                                    |                                |                             |                                     |                   |
| 10:0 Capric   |                      |                                    |                                |                             |                                     |                   |
| 12:0 Lauric   |                      |                                    |                                |                             |                                     |                   |
| 13:0 Tridecanoic  |                      |                                    |                                |                             |                                     |                   |
| 14:0 Myristic   | 0.060%               | 0.012                              | 0.011                          |                             |                                     |                   |
| 14:1 l-Tetradecenoic  |                      |                                    |                                |                             |                                     |                   |
| 14:1 Myristoleic  |                      |                                    |                                |                             |                                     |                   |
| 15:0 Pentadecanoic  | 0.030%               | 0.006                              | 0.006                          |                             |                                     |                   |
| 15:1 Pentadecenoic  |                      |                                    |                                |                             |                                     |                   |
| 16:0 Palmitic   | 6.794%               | 1.362                              | 1.298                          |                             |                                     |                   |
| 16:1 l-Hexadecenoic   | 0.030%               | 0.006                              |                                |                             |                                     | 0.006             |
| 18:1 Palmitoleic  | 0.070%               | 0.014                              |                                | 0.013                       |                                     |                   |
| 17:0 Margaric   | 0.065%               | 0.013                              | 0.012                          |                             |                                     |                   |
| 17:1 Margaroleic  | 0.040%               | 0.008                              |                                | 0.008                       |                                     |                   |
| 18:0 Stearic  | 2.993%               | 0.600                              | 0.574                          |                             |                                     |                   |
| 18:1 trans Elaidic  | 0.035%               | 0.007                              |                                |                             |                                     | 0.007             |
| 18:1 Oleic  | 18.272%              | 3.663                              |                                | 3.506                       |                                     |                   |
| 18:2 l-Octadecadienoic  | 0.050%               | 0.010                              |                                |                             |                                     | 0.010             |
| 18:2 Linoleic   | 19.310%              | 3.871                              |                                |                             | 3.704                               |                   |
| 20:0 Arachidic  | 0.165%               | 0.033                              | 0.032                          |                             |                                     |                   |
| 18:3 g-Linolenic  |                      |                                    |                                |                             |                                     |                   |
| 20:1 Gadoleic   | 0.524%               | 0.105                              |                                | 0.101                       |                                     |                   |
| 18:3 Linolenic  | 51.115%              | 10.247                             |                                |                             | 9.801                               |                   |
| 21:0 Heneicosanoic  |                      |                                    |                                |                             |                                     |                   |
| 18:2 conj-Linoleic  |                      |                                    |                                |                             |                                     |                   |
| 16:4 Octadecatetraenoic   |                      |                                    |                                |                             |                                     |                   |
| 20:2 Eicosadienoic  | 0.050%               | 0.010                              |                                |                             | 0.010                               |                   |
| 22:0 Behenic  | 0.170%               | 0.034                              | 0.033                          |                             |                                     |                   |
| 20:3 g-Eicosatrienoic   |                      |                                    |                                |                             |                                     |                   |
| 22:1 Erucic   | 0.025%               | 0.005                              |                                | 0.005                       |                                     |                   |
| 20:3 Eicosatrienoic   | 0.060%               | 0.012                              |                                |                             | 0.012                               |                   |
| 20:4 Arachidonic  | 0.030%               | 0.006                              |                                |                             | 0.006                               |                   |
| 23:0 Tricosanoic  |                      |                                    |                                |                             |                                     |                   |
| 22:2 Docosadienoic  |                      |                                    |                                |                             |                                     |                   |
| 24:0 Lignoceric   | 0.115%               | 0.023                              | 0.022                          |                             |                                     |                   |
| 20:5 Eicosapentaenoic   |                      |                                    |                                |                             |                                     |                   |
| 24:1 Nervonic   |                      |                                    |                                |                             |                                     |                   |
| 22:3 Docosatrenoic  |                      |                                    |                                |                             |                                     |                   |
| 22:4 Docosatetraenoic   |                      |                                    |                                |                             |                                     |                   |
| 22:5 Docosapentaenoic   |                      |                                    |                                |                             |                                     |                   |
| 22:6 Docosahexaenoic  |                      |                                    |                                |                             |                                     |                   |
| <b>Totals</b>   | <b>100.0%</b>        | <b>20.05</b>                       | <b>1.99</b>                    | <b>3.63</b>                 | <b>13.53</b>                        | <b>0.02</b>       |
| Percent of Fatty Acid Components based on Total Fat                             |                      |                                    | 10.37%                         | 18.94%                      | 70.57%                              | 0.11%             |
| Omega-3 Fatty Acids, Eicosapentaenoic acid (EPA) and Docosahexaenoic acid (DHA) |                      |                                    |                                |                             |                                     |                   |