



Sri Venkatesh Aromas

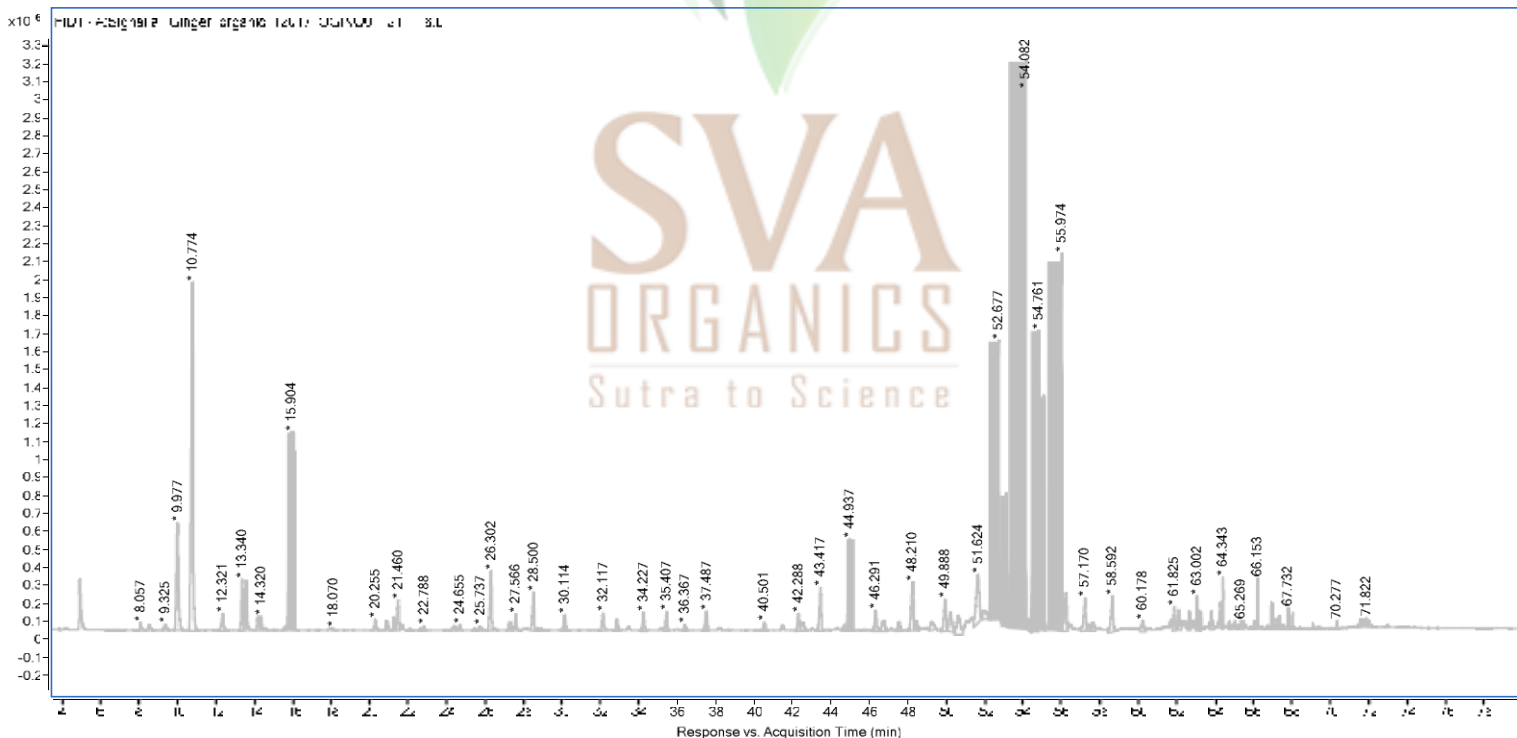
Manufacturer/Exporter of USDA Organic Natural Oils, Spice Oils, Mint Oils, Cold Pressed, Carriers Oils, Floral Absolutes and Allied Products

GCMS Report of Organic Ginger Essential Oil

Product Name: Organic Ginger Essential Oil

Lot Number: SVA -- OGINO01

Date : 11/01/2019



| Peak | Compound | RT | Area Sum% |
|------|----------------------------------|--------|-----------|
| 1 | 2-Heptanone | 8.057 | 0.08 |
| 2 | 2-Heptanol | 8.494 | 0.09 |
| 3 | Tricyclene | 9.325 | 0.1 |
| 4 | α -Pinene | 9.977 | 1.54 |
| 5 | α -Fenchene + Camphene | 10.774 | 4.6 |
| 6 | Sabinene + β -Pinene | 12.321 | 0.27 |
| 7 | 6-Methyl-5-heptene-2-one | 13.34 | 0.53 |
| 8 | β -Myrcene | 13.55 | 0.58 |
| 9 | α -Phellandrene | 14.167 | 0.17 |
| 10 | Octanal | 14.32 | 0.15 |
| 11 | δ^3 -carene | 14.533 | 0.04 |
| 12 | unknown | 15.019 | 0.02 |
| 13 | p-Cymene | 15.597 | 0.07 |
| 14 | Limonene + β -Phellandrene | 15.904 | 3.7 |
| 15 | 1,8-Cineole | 16.038 | 1.7 |
| 16 | γ -Terpinene | 18.07 | 0.03 |
| 17 | α -Terpinolene | 20.255 | 0.15 |
| 18 | trans-Linalool oxide | 20.882 | 0.14 |
| 19 | Rosefuran | 21.25 | 0.15 |
| 20 | Linalool | 21.46 | 0.34 |
| 21 | 2-Nonanol | 22.078 | 0.05 |
| 22 | unknown | 22.635 | 0.03 |
| 23 | cis-para-Menth-2-en-1-ol | 22.788 | 0.07 |
| 24 | trans-para-Mentha-2-en-1-ol | 24.265 | 0.02 |
| 25 | Camphor | 24.367 | 0.07 |
| 26 | Camphene hydrate | 24.655 | 0.08 |
| 27 | Isoborneol | 25.448 | 0.04 |
| 28 | Citronellal | 25.737 | 0.07 |
| 29 | Borneol | 26.302 | 0.83 |
| 30 | Isoneral | 26.466 | 0.04 |
| 31 | Terpinen-4-ol | 27.255 | 0.11 |
| 32 | Rosefuran epoxide | 27.566 | 0.2 |
| 33 | α -Terpineol | 28.5 | 0.51 |
| 34 | Myrtenal | 28.729 | 0.03 |
| 35 | Myrtenol | 28.88 | 0.04 |
| 36 | Decanal | 30.114 | 0.21 |
| 37 | Citronellol | 32.117 | 0.25 |
| 38 | Neral | 32.843 | 0.15 |
| 39 | Geraniol | 34.227 | 0.28 |
| 40 | Geranial | 35.407 | 0.25 |
| 41 | Bornyl acetate | 36.367 | 0.11 |
| 42 | 2-Undecanone | 37.487 | 0.27 |
| 43 | δ -Elemene | 40.501 | 0.14 |
| 44 | Citronellol acetate | 42.288 | 0.26 |
| 45 | Cyclosativene II | 42.509 | 0.17 |
| 46 | α -Copaene | 43.417 | 0.65 |
| 47 | β -Cubebene | 44.66 | 0.09 |
| 48 | β -Elemene | 44.937 | 1.36 |
| 49 | 7-epi-Sesquithujene | 46.291 | 0.33 |
| 50 | β -Caryophyllene | 46.702 | 0.26 |
| 51 | β -Copaene | 47.507 | 0.16 |

| | | | |
|-----|-----------------------------------|--------|--------|
| 52 | γ -Elemene | 48.21 | 0.76 |
| 53 | trans- α -Bergamotene | 48.427 | 0.14 |
| 54 | unknown | 49.202 | 0.24 |
| 55 | Alloaromadendrene | 49.888 | 0.52 |
| 56 | Sesquisabinene B | 50.181 | 0.42 |
| 57 | (E)- β -Farnesene | 50.583 | 0.57 |
| 58 | γ -Murolene + Germacrene D | 51.624 | 1.18 |
| 59 | β -Selinene | 51.92 | 0.24 |
| 60 | Ar-Curcumene | 52.677 | 9.64 |
| 61 | unknown | 53.081 | 3.89 |
| 62 | α -Zingiberene | 54.082 | 27.64 |
| 63 | unknown | 54.297 | 0.16 |
| 64 | β -Bisabolene | 54.761 | 8.85 |
| 65 | (3E,6E)- α -Farnesene | 55.024 | 6.14 |
| 66 | β -Sesquiphellandrene | 55.974 | 12.17 |
| 67 | unknown | 56.194 | 0.58 |
| 68 | α -Elemol | 57.17 | 0.5 |
| 69 | Germacrene B | 57.347 | 0.1 |
| 70 | trans-Sesquisabinene hydrate | 57.598 | 0.14 |
| 71 | (E)-Nerolidol | 58.592 | 0.61 |
| 72 | unknown | 60.178 | 0.25 |
| 73 | unknown | 61.825 | 0.29 |
| 74 | unknown | 62.054 | 0.28 |
| 75 | cis-Zingiberenol | 62.6 | 0.18 |
| 76 | β -Eudesmol | 63.002 | 0.27 |
| 77 | γ -Eudesmol | 63.106 | 0.22 |
| 78 | α -Eudesmol | 63.222 | 0.14 |
| 79 | β -Bisabolol | 63.754 | 0.2 |
| 80 | trans-Zingiberenol | 64.224 | 0.21 |
| 81 | unknown | 64.343 | 0.25 |
| 82 | unknown | 64.7 | 0.05 |
| 83 | unknown | 64.974 | 0.04 |
| 84 | unknown | 65.269 | 0.04 |
| 85 | unknown | 65.347 | 0.03 |
| 86 | unknown | 65.397 | 0.03 |
| 87 | unknown | 65.463 | 0.02 |
| 88 | unknown | 66.153 | 0.18 |
| 89 | unknown | 66.87 | 0.09 |
| 90 | unknown | 66.931 | 0.08 |
| 91 | unknown | 67.127 | 0.03 |
| 92 | unknown | 67.306 | 0.06 |
| 93 | unknown | 67.732 | 0.08 |
| 94 | unknown | 67.976 | 0.04 |
| 95 | unknown | 70.277 | 0.02 |
| 96 | unknown | 71.472 | 0.02 |
| 97 | unknown | 71.515 | 0.02 |
| 98 | unknown | 71.627 | 0.02 |
| 99 | unknown | 71.675 | 0.02 |
| 100 | unknown | 71.822 | 0.02 |
| | Total identified | | 93.27% |

Conclusion: - No adulterant, contaminant or diluents has been detected.



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