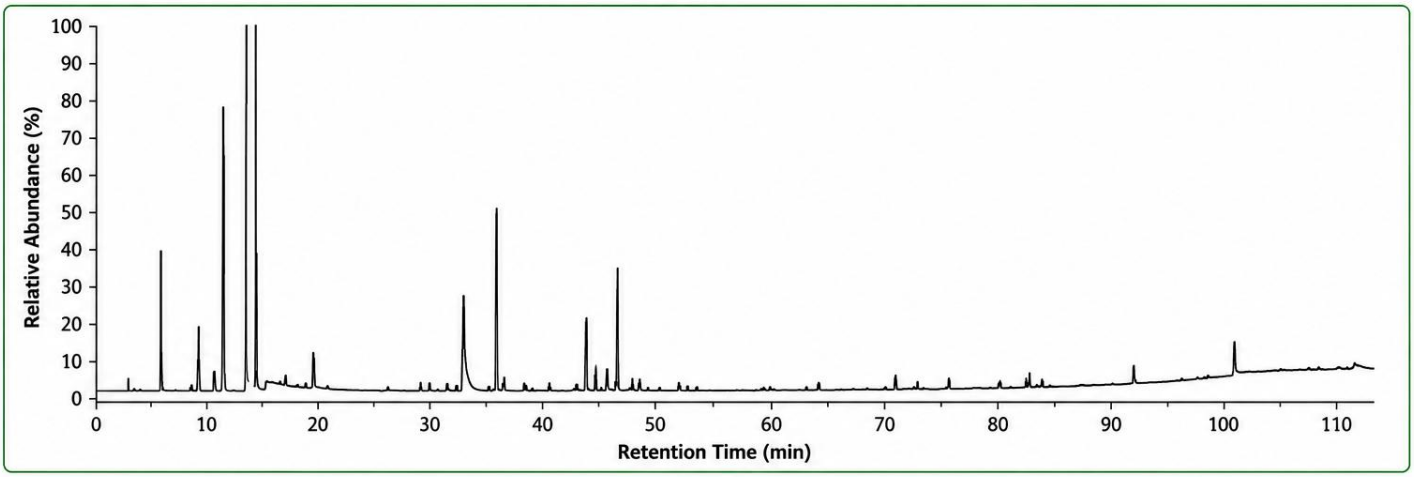
Botanic Planet®
Botanic Planet Canada Inc.

# GC–MS Chromatogram

## Orange Essential Oil 5 Fold *(Citrus sinensis)*




### Analysis Details

| | |
|---|---|
| **Analysis Method** | GC–MS (Gas Chromatography – Mass Spectrometry) |
| **Sample** | Orange Essential Oil 5 Fold |
| **Botanical Name** | *Citrus sinensis* |
| **INCI Name** | Citrus Aurantium Dulcis (Orange) Peel Oil |
| **CAS Number** | 8008-57-9 |
| **Instrument** | GC–MS |
| **Ionization** | EI (70 eV) |

### Key Components (Typical Composition)

| Component | CAS No. | EC No. | Concentration (%) |
|---|---|---|---|
| **Limonene** | 5989-27-5 | 227-813-5 | **60 – 99** |
| **Myrcene** | 123-35-3 | 204-622-5 | 0 – 5 |
| **Citral** | 5392-40-5 | 226-394-6 | 0 – 3 |
| **Alpha-Pinene** | 80-56-8 | 201-291-9 | 0 – 4 |
| **Alpha-Terpineol** | 98-55-5 | 202-680-6 | 0 – 2 |
| **Linalool** | 78-70-6 | 201-134-4 | 0 – 9 |
| **Octanal** | 124-13-0 | 204-683-8 | 0 – 5 |
| **Decanal** | 112-31-2 | 203-957-4 | 0 – 6 |
| **Citronellal** | 106-23-0 | 203-376-6 | 0 – 1 |

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Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada
Email: -info@botanicplanet.ca www.botanicplanet.ca