



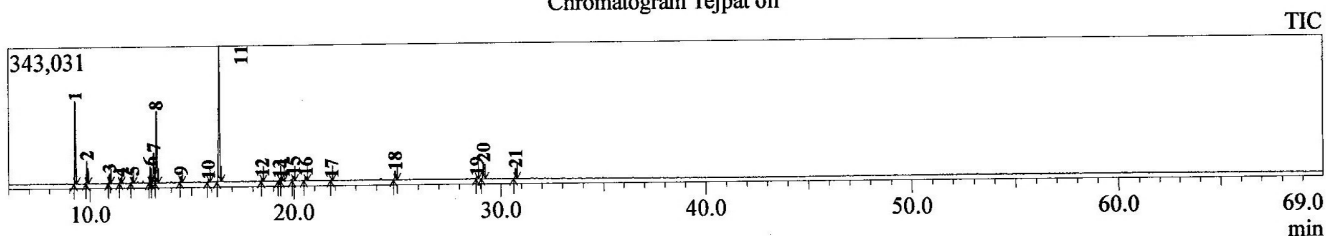
Government of Nepal
Ministry of Forests and Environment
Department of Plant Resources
Thapathali, Kathmandu
Instrument Section
Test Report



Issued To: *Himvat Sherpa Botanicals*
Sample Name: Tejpat oil
Sampled by: Customer
Received Date: 6/23/2023
Sample Amount: 5 mL
Report No.: 160
Detector Type: MS
Column Type: RTX-5MS

Sample Type: Essential Oil
Sample ID: IF-205
Analyzed Date: 6/26/2023
Report Issue Date: 6/27/2023
Injection Volume: 1.00 uL
Packing of Sample: Glass Vial
Library Used: FFNSC 4.0 & NIST 2017
Dimension of Column: 60mX0.32mmX0.25um

GCMS Profiling
Chromatogram Tejpat oil



| Peak# | R.Time | Area | Area% | Name |
|-------|--------|---------|--------|---|
| 1 | 9.288 | 561589 | 15.00 | Pinene <alpha-> |
| 2 | 9.856 | 159816 | 4.27 | Norbornane <2,2-dimethyl-, 5-methylene-> |
| 3 | 10.966 | 69186 | 1.85 | Pinene <beta-> |
| 4 | 11.517 | 39131 | 1.05 | Myrcene |
| 5 | 12.093 | 48054 | 1.28 | Phellandrene <alpha-> |
| 6 | 12.965 | 119338 | 3.19 | Cymene <para-> |
| 7 | 13.149 | 243745 | 6.51 | D-Limonene |
| 8 | 13.281 | 556175 | 14.86 | Eucalyptol |
| 9 | 14.486 | 45820 | 1.22 | .gamma.-Terpinene |
| 10 | 15.835 | 22602 | 0.60 | Cyclohexene, 3-methyl-6-(1-methylethyliden) |
| 11 | 16.389 | 1346313 | 35.97 | Linalool |
| 12 | 18.458 | 26328 | 0.70 | Camphor |
| 13 | 19.299 | 20642 | 0.55 | Bornyl chloride |
| 14 | 19.449 | 27780 | 0.74 | Isoborneol |
| 15 | 19.959 | 42042 | 1.12 | Terpinen-4-ol |
| 16 | 20.575 | 41577 | 1.11 | .alpha.-Terpineol |
| 17 | 21.826 | 18715 | 0.50 | .gamma.-Terpinene |
| 18 | 24.901 | 79907 | 2.13 | Bornyl acetate |
| 19 | 28.835 | 25202 | 0.67 | Copaene |
| 20 | 29.158 | 152570 | 4.08 | 2-Propenoic acid, 3-phenyl-, methyl ester |
| 21 | 30.723 | 96729 | 2.58 | Caryophyllene <(E)-> |
| | | 3743261 | 100.00 | |

Analyzed By

Checked By

1. The above results refer only to the submitted sample and test performed.
2. This report cannot be used for any publicity or advertisement without the written consent of Department of Plant Resources, Kathmandu.
3. Test report shall not be reproduced, except in full, without the written consent of the laboratory.
4. The name of the sample was claimed by the customer.