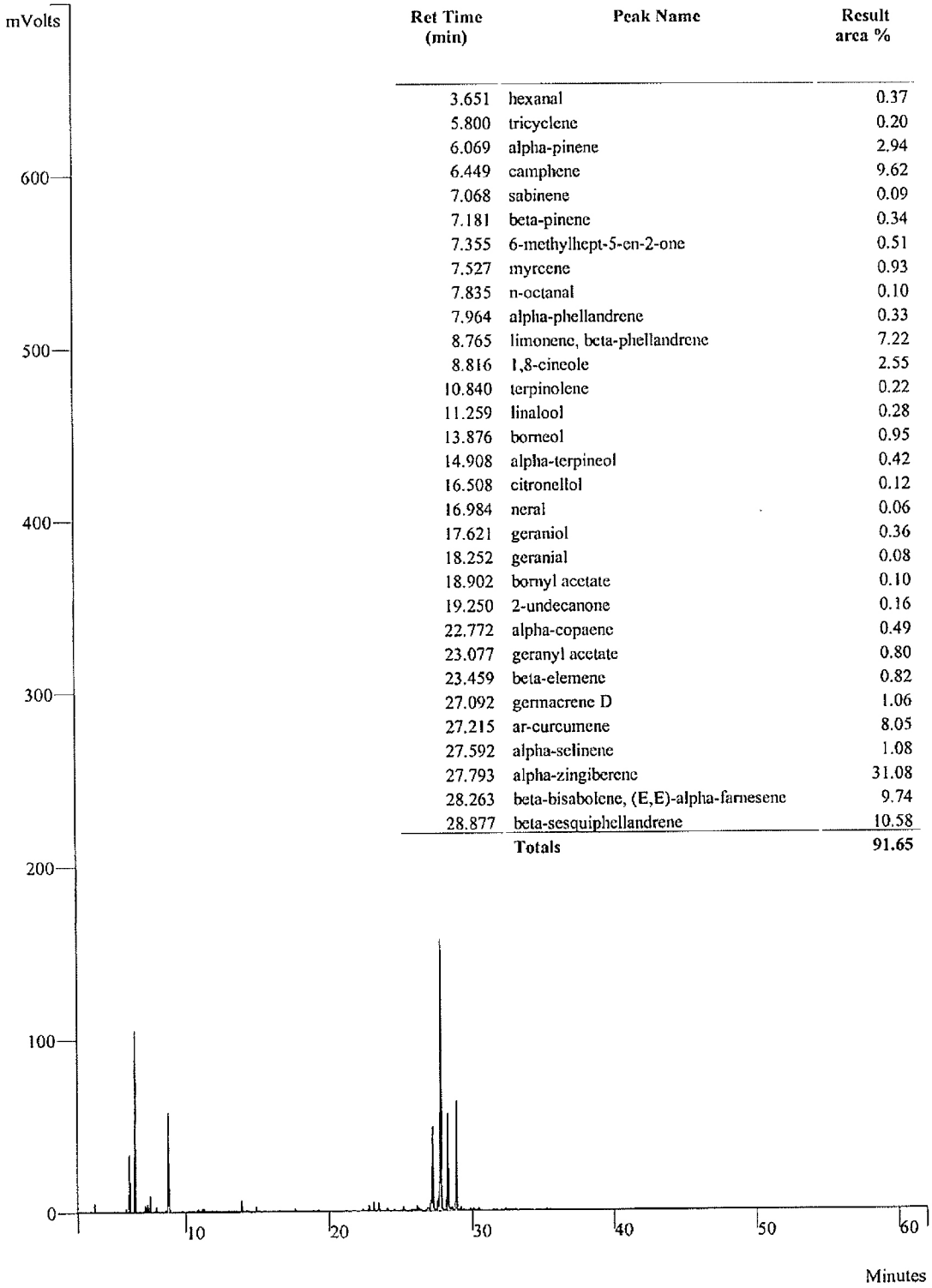
# CERTIFICATE OF ANALYSIS

精油名： ジンジャー（GINGER）
学名： Zingiber officinale
商品番号： P031
ロット番号： 13.A

| | |
|---|---|
| 比重（20℃） | 0.879 |
| 施光度（20℃） | -36 |
| 屈折率（20℃） | 1.491 |




| Ret Time (min) | Peak Name | Result area % |
|---|---|---|
| 3.651 | hexanal | 0.37 |
| 5.800 | tricyclene | 0.20 |
| 6.069 | alpha-pinene | 2.94 |
| 6.449 | camphene | 9.62 |
| 7.068 | sabinene | 0.09 |
| 7.181 | beta-pinene | 0.34 |
| 7.355 | 6-methylhept-5-en-2-one | 0.51 |
| 7.527 | myrcene | 0.93 |
| 7.835 | n-octanal | 0.10 |
| 7.964 | alpha-phellandrene | 0.33 |
| 8.765 | limonene, beta-phellandrene | 7.22 |
| 8.816 | 1,8-cineole | 2.55 |
| 10.840 | terpinolene | 0.22 |
| 11.259 | linalool | 0.28 |
| 13.876 | borneol | 0.95 |
| 14.908 | alpha-terpineol | 0.42 |
| 16.508 | citronellol | 0.12 |
| 16.984 | neral | 0.06 |
| 17.621 | geraniol | 0.36 |
| 18.252 | geranial | 0.08 |
| 18.902 | bornyl acetate | 0.10 |
| 19.250 | 2-undecanone | 0.16 |
| 22.772 | alpha-copaene | 0.49 |
| 23.077 | geranyl acetate | 0.80 |
| 23.459 | beta-elemene | 0.82 |
| 27.092 | germacrene D | 1.06 |
| 27.215 | ar-curcumene | 8.05 |
| 27.592 | alpha-selinene | 1.08 |
| 27.793 | alpha-zingiberene | 31.08 |
| 28.263 | beta-bisabolene, (E,E)-alpha-farnesene | 9.74 |
| 28.877 | beta-sesquiphellandrene | 10.58 |
| | **Totals** | **91.65** |

Please Note: This information is offered as a guide only.