

# ANÁLISIS

---

Producto: Aceite Esencial Manzanilla Romana

Nombre común: **MANZANILLA ROMANA**

Nombre botánico: *Anthemis nobilis*

Origen: Francia

Parte Destilada: Tallos y flores

Extracción: Destilación al vapor de agua.

## Características del análisis:

Agilent GC System 7890A - Column : HP INNOWAX polaire : 60 m ´ 0,25 mm ´ 0,5 µm

Temperature program : 8 min to 95 °C – 4 °C/min till 190 °C - 29 min to 190°C

Carrier gas H2 : 30 psis/FID. Injector : split. Sample : 0.1 µl without dilution The compounds of the essential oils are identified by retention times.

% Are calculated from the peak areas given by the GC / FID without the use of a correction factor.

## Características físicas:

|                             |       |
|-----------------------------|-------|
| Densidad a 20°C             | 0.906 |
| Índice de refracción a 20°C | 1.441 |
| Rotación Óptica a 20°C      | -0.2  |

## PERFIL CROMATOGRÁFICO TIPO - TABLA DE RESULTADOS

| COMPONENTS | % | Standar |
|------------|---|---------|
|------------|---|---------|

## ANÁLISIS

|                                            |       |
|--------------------------------------------|-------|
| ISOBUTYL ANGELATE + ISOAMYL<br>METACRYLATE | 33.13 |
| ISOAMYL ANGELATE                           | 16.19 |
| METHYL ALLYL ANGELATE ISOBUTYL             | 9.32  |
| ISOBUTYRATE trans-PINOCARVEOL              | 4.76  |
| PINOCARVONE                                | 4.33  |
| 2-MEHYL BUTYL ANGELATE                     | 3.39  |
| ISOAMYL ISOBUTYRATE a-                     | 4.33  |
| PINENE                                     | 0.32  |
| ISOBUTYL METACHRYLATE                      | 1.92  |
| MYRTENAL                                   | 1.59  |
| 2-METHYLBUTYL METACRHYLATE                 | 0.44  |
| BENZALDEHYDE                               | 1.05  |
| GERMACRENE-D                               | 0.98  |
| METHYL CHAVICOL                            | 0.12  |
| CAMPHOR                                    | 0.14  |
| SABINENE p-                                | 0.03  |
| CYMENE                                     | 0.10  |
| LIMONENE                                   | 0.05  |
| 1,8-CINEOL                                 | 0.78  |
| GERANIOL                                   | 0.03  |
| LINALOOL                                   | 0.05  |
|                                            | 0.04  |

|              |              |
|--------------|--------------|
| <b>TOTAL</b> | <b>83.09</b> |
|--------------|--------------|