

## ANALYSIS

**Product Name :** CLOVE OIL  
**Aceite esencial de Clavo**  
**Botanical name :** *Syzygium aromaticum Syn. Eugenia*  
**Batch number :** LS112499  
**Origin :** India

### Analysis features :

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.

### Physical characteristics:

Density at 20°C	1.046
Refractive index at 20°C	1.535
Optical rotation at a 20°C	-0.7

### Production date:

March	2022
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### Best before end:

March	2026
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## GC Results

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COMPONENTS	%	Standar
b-CARYOPHYLLENE	9.53	4 - 17
a-HUMULENE	2.53	
a-SELINENE	0.12	
d-CADINENE	0.22	
CALAMENENE	0.09	
trans-JASMONE	0.08	
CARYOPHYLLENE OXIDE	0.43	
CARYOPHYNELLOL	0.06	
EUGENOL	85.88	80 - 92
EUGENYL ACETATE	0.26	0.2 - 1
<b>TOTAL</b>	<b>99.20</b>	