

## ANALYSIS GC

**Product Name :** CASSIA OIL  
Aceite esencial de Canela Cassia

**Botanical name :** *Cinnamomum cassia*

**Batch number :** LS108599

**Origin :** China

### 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.

essenciales  
aceites y esencias

### Physical characteristics:

Density at 20°C	1.056
Refractive index at 20°C	1.609
Optical rotation at a 20°C	-0.2

**Production date:**

**Best before end:**

## GC Results

COMPONENTS	%	Standar
a-PINENE	0.11	
CAMPHENE	0.08	
b-PINENE	0.04	
LIMONENE	0.04	
STYRENE	0.15	<0.20
a-COPAENE	0.29	
BENZALDEHYDE	0.84	0.50-2.00
b-CARYOPHYLLENE	0.12	
ALLO-AROMADENDRENE	0.05	
ACETOPHENONE	0.03	<0.10
SALICYLIC ALDEHYDE	0.27	0.20-1.00
g-MUUROLENE	0.00	
a-TERPINEOL + LEDENE	0.02	
BORNEOL	0.08	
a-MUUROLENE	0.02	
b-BISABOLENE	0.09	
a-FARNESENE + d-CADINENE	0.12	
a-CURCUMENE	0.09	
BENZENE PROPANAL	0.63	
a-BISABOLENE	0.09	
z-CINNAMALDEHYDE	0.60	<0.70
PHENYLETHYL ALCOHOL	0.26	<0.50
2-METHOXY BENZALDEHYDE	0.57	
CARYOPHYLLENE OXYDE	0.03	
e-CINNAMALDEHYDE	77.74	70.00-88.00
NEROLIDOL	0.15	
2-METHOXY PHENYL ACETONE	0.31	
SPATHULLENOL	0.10	
CINNAMYL ACETATE	3.19	<6.00
EUGENOL	0.11	<0.50
CINNAMYL ALCOHOL	0.15	<1.00
t-o-METHOXY CINNAMALDEHYDE	8.70	3.00-9.00
COUMARINE	2.29	1.50-4.00
o-METHOXYCINNAMYL ACETATE	0.01	<2.00
BENZYL BENZOATE	0.06	
<b>TOTAL</b>	<b>97.43</b>	