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## Certificate of Analysis & Gas Chromatography Organic Lantana Essential Oil (*Lantana camara*)

Date : 07 2020  
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Batch Number : I30721-I1  
Origin : Madagascar

### 1. IDENTIFICATION DE LA SUBSTANCE / IDENTIFICATION OF THE SUBSTANCE

**Nom du produit / Product name:** Huile essentielle de LANTANA MADAGASCAR BIO / Essential oil of ORGANIC LANTANA MADAGASCAR  
**Législation :** Substance 100% pure et naturelle / Matter 100% pure and natural  
**Nom botanique/botanical name :** *Lantana Camara*  
**Partie de la plante/part of plant** Feuille/leaves

### 2. ANALYSES CHROMATOGRAPHIQUES / MICROBIOLOGICAL CHARACTERISTIC

Principaux composants / Main components	Concentration (%) Content
<b>ALPHA-PINENE</b>	<b>4,32</b>
CAMPHENE	1,41
<b>BETA-PINENE</b>	<b>3,03</b>
<b>SABINENE</b>	<b>11,05</b>
<b>3-CARENE</b>	<b>2,37</b>
ALPHA-PHELLANDRENE	0,44
ALPHA-TERPINENE	0,27
<b>LIMONENE*</b>	<b>1,91</b>
<b>CINEOLE (EUCALYPTOL)</b>	<b>4,26</b>
OCIMENE-CIS-BETA	0,61
GAMMA-TERPINENE	0,64
PARA-CYMENE	0,48
TERPINOLENE	0,33
OCTANOL-3	0,07
1-OCTENE-3-OL	0,12
4-THUJANOL	0,11
ALPHA-CUBEBENE	0,18
ALPHA-COPAENE	0,49
<b>LINALOOL*</b>	<b>3,10</b>

1,5-DI-EPI-BETA-BOURBONENE	0,11
<b>BETA-CUBEBENE</b>	<b>1,57</b>
GAMMA MUUROLENE	0,09
BETA-ELEMENE	0,97
TERPINEN-4-OL	0,94
<b>BETA COPAENE</b>	<b>1,56</b>
<b>TRANS-CARYOPHYLLENE (BETA)</b>	<b>15,81</b>
GAMMA-ELEMENE	0,06
E-BETA FARNESENE	1,08
ALLO-AROMADENDRENE	0,25
<b>ALPHA HUMULENE</b>	<b>7,44</b>
ISOBORNEOL	0,90
LEDENE	0,06
AROMADENDRENE	0,07
BETA-BISABOLENE	1,26
D-GERMACRENE	1,03
ALPHA MUUROLENE	0,87
BETA-CURCUMENE	0,44
BETA SELINENE	0,47
ALPHA SELINENE	0,76
BICYCLOELEMENE	1,39
DELTA-CADINENE	0,84
AR-CURCUMENE	0,43
CALAMENENE	0,05
EPI-CUBEBOL ISOMERE I	0,50
EPI-CUBEBOL ISOMERE II	0,98
CARYOPHYLLENE OXYDE	0,92
<b>TRANS-NEROLIDOL</b>	<b>1,82</b>
<b>DAVANONE</b>	<b>12,95</b>
LEDOL	0,07
HUMULENE EPOXYDE	0,39
EPI-CUBENOL	0,20
VIRIDIFLOROL	0,77
SPATHULENOL	0,42

RESULTATS OBTENUS PAR LE BAVORATOIRE DE NOTRE PRODUCTEUR /  
RESULTS OBTAINED BY OUR LAB PRODUCER