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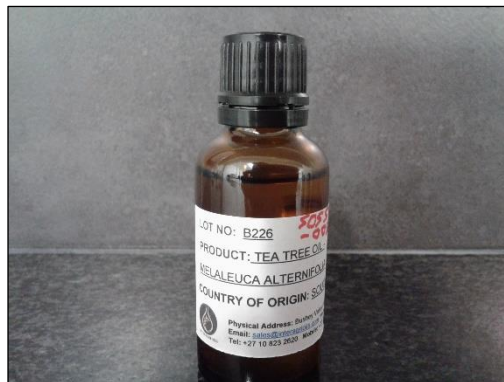
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**Certificate of Analysis**                      **COA-5055-005-01**  
**Sample Code**                                      **5055-005**

<b>Received</b>	2023-11-02
<b>Concluded</b>	2023-11-06

<b>Client Reference</b>	B226
<b>Sample Description</b>	Essential oil – Tea Tree Oil
<b>Submitted Weight (g)</b>	79.0

<b>Services Requested</b>	C-15    Essential Oil analysis
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**Page 1/3**

The results of examination are exclusively representative of the test sample.  
Any publication of this report requires written permission for SciCorp Laboratories. An excerpt publication is not allowed.  
All information regarding the sample (except those recorded on site or at sample registration by SciCorp) have been provided by the client. This information can have an impact on the validity of the analytical results and the result assessment.

**Preferred partner of Eurofins Dr. Specht**

Directors: T.E. Erasmus, A.E. Jacobs, T. van Kampen | Company Secretary: R. van Zyl  
Registered address: 37 Eagle Street, Brackenfell, 7560, South Africa



## Results of Test, Examination or Analysis

C-15      Essential Oil analysis				
Conducted		2023-11-03		
Composition Result				
Component	Total Measured *	min. %	ISO 4730 max. %	Measured **
1	α-Thujene			
2	α-Pinene	1.0	4.0	2.91
3	Sabinene	trace	3.5	0.04
4	β-Pinene			
5	β-Myrcene			
6	α-Phellandrene			
7	α-Terpinene	6.0	12.0	8.23
8	p-Cymene	0.5	8.0	3.08
9	Limonene	0.5	1.5	0.67
10	β-Phellandrene			
11	1,8-Cineole	trace	10.0	2.04
12	γ-Terpinene	14.0	28.0	24.56
13	Terpinolene	1.5	5.0	2.43
14	4-Thujanol			
15	trans-p-Menth-2-en-1-ol			
16	cis-p-Menth-2-en-1-ol			
17	Terpinen-4-ol	35.0	48.0	52.06
18	α-Terpineol	2.0	5.0	2.72
19	trans-Piperitol			
20	trans-Ascaridol glycol			
21	Isoledene			
22	Copaene			
23	2,2-dimethyl-4,5-di-1-propenyl-1,3-Dioxolane			
24	α-Gurjunene			
25	Caryophyllene			
26	alpha-Panasinsanene			
27	Aromadendrene	0.2	3.0	0.31
28	Selina-5,11-diene			
29	α -Cubebene			
30	Humulene			
31	Alloaromadendrene			
32	β-Cadinene			
33	beta-Maaliene			
34	Ledene	0.1	3.0	0.30
35	Bicyclogermacrene			
36	δ-Cadinene	0.2	3.0	0.38
37	Zonarene			
38	Cubenene			
39	Epiglobulol			
40	Globulol	trace	1.0	0.17
41	Viridiflorol	trace	1.0	0.11
42	Rosifoliol			
43	Cubenol			
44	Epicubebol			

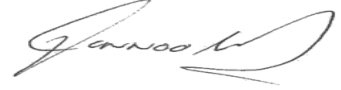
\* Normative profile of measured components (GC-MS)  
\*\* Normative profile of subset of components, characteristic of Tea Tree Essential Oil as outlined in ISO 4730, Oil of *Melaleuca*, terpinene-4-ol type (Tea tree oil).  
Subsequent interpretation of the submitted samples character is done in reference to the typical profiles as stipulated by the ISO standard.

**Test Site**                    4 Shortts Retreat RD; 3212 Pietermaritzburg; South Africa

**Compiled by:**  
Mr Waldo Lexow  
Scientist



**Authorised by:**  
Ms Y Chonnoolal  
Laboratory Manager



-End of Report-