

CERTIFICATE OF ANALYSIS COVER PAGE

SAMPLE NAME	Byron Bay Rose (Leptospermum petersonnii CT geranyl acetate)		
CLIENT	Essentially Australia	ARL JOB NUMBER	A26-00-2009
CUSTOMER REFERENCE	20th January 2026	SAMPLE ID	A26-00-2009-0001A
SAMPLE FORM	Essential oil	CERTIFICATE ISSUE NUMBER	2
METHOD	ARL-TM101-4	CERTIFICATE DATE	24 August 2026
ANALYSIS	GC-FID analysis of Leptospermum Petersonii Var B		
CERTIFICATE ID	A26-00-2009-0001A_GC_FID_LEPTOSPERMUM PETERSONII_VAR B_ARL1		

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CERTIFICATE ID	A26-00-2009-0001A_GC_FID_LEPTOSPERMUM PETERSONII_VAR B_ARL1		
QC AUTHORISED	<i>A. Mann</i>		

TEST	RESULTS
	Area%
α -thujene	2.3
α -pinene	0.6
sabinene	0.1
b-pinene	0.1
myrcene	1.5
α -phellandrene	0.2
α -terpinene	1.1
limonene	1.4
p-cymene	2.8
1,8 cineole	0.3
γ -terpinene	9.4
terpinolene	6.2
linalool	2.2
isopulegol	< 0.1
terpinen-4-ol	1.6
trans iso-citral	< 0.1
α -terpineol	0.5
geraniol	38.4
neral	0.5
geranial	0.3

CERTIFICATE OF ANALYSIS

TEST	RESULTS
	Area%
citronellyl acetate	< 0.1
geranyl acetate	25.4
β -caryophyllene	0.1
eugenol	0.2
germacrene D	0.1
bicyclogermacrene	0.1
δ -cadinene	0.1
globulol	< 0.1
spathulenol	0.1
viridiflorol	< 0.1

Analysis Notes:

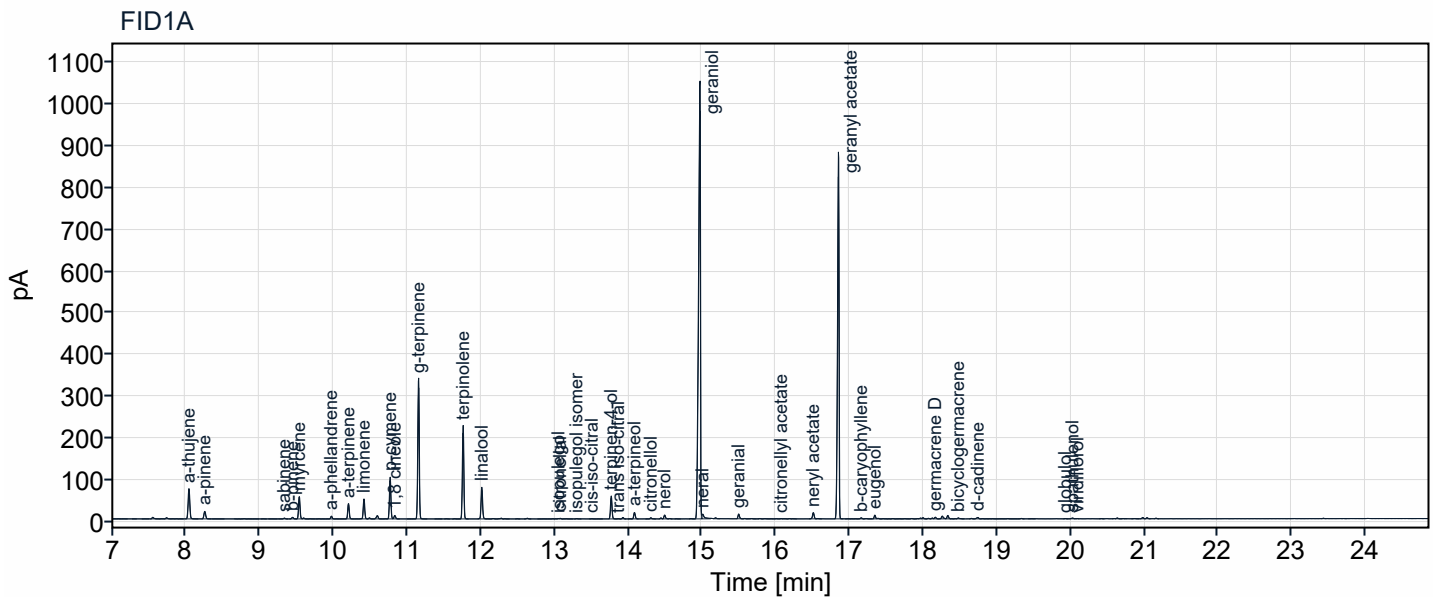
- *Assay by GC (FID detection)

Sample: Byron Bay Rose (Leptospermum petersonnii CT geranyl acetate)

Sample ID: A26-00-2009-0001A~GC_FID_LEP58EC6

Data file: /GC/DB-35/Results/QCB2607-01135-20260722 120904.rsl/20260722 1209045_09.dx

Instrument:	GC-03	Sample amount:	1.000
Injection date:	2026-07-22 17:13:37+10:00	Location:	5
Acq. method:	EO Base - FID - 6850.amx	Injection:	1 of 1
Analysis method:	*GCFID_Leptospermum_petersonnii_ var_B_EOBASE_LIMS.pmx	Injection volume:	1.000 µL
Analyst:	STAFF\amann	Multiplier:	1
Report Date:	2026-07-30 09:41:21+10:00	Dilution:	1



Name	RT [min]	Area	Peak Area Percent
a-thujene	8.040	113.0762	2.3455
a-pinene	8.254	30.2064	0.6266
sabinene	9.334	2.8875	0.0599
b-pinene	9.445	6.1381	0.1273
myrcene	9.536	74.1686	1.5384
a-phellandrene	9.972	9.4211	0.1954
a-terpinene	10.203	51.5649	1.0696
limonene	10.413	67.1128	1.3921
p-cymene	10.768	135.6353	2.8134
1,8 cineole	10.831	12.8324	0.2662
g-terpinene	11.154	453.3154	9.4029
terpinolene	11.758	299.2749	6.2077
linalool	12.011	108.3402	2.2472

Name	RT [min]	Area	Peak Area Percent
isopulegol	13.052	1.2160	0.0252
citronellal	13.075	1.9268	0.0400
isopulegol isomer	13.299	0.8762	0.0182
cis-iso-citral	13.504	0.6034	0.0125
terpinen-4-ol	13.767	76.4470	1.5857
trans iso-citral	13.862	0.7881	0.0163
a-terpineol	14.082	22.4871	0.4664
citronellol	14.304	4.3202	0.0896
nerol	14.491	13.8869	0.2880
geraniol	14.969	1851.5688	38.4062
neral	15.007	26.1751	0.5429
geranial	15.495	16.3316	0.3388
citronellyl acetate	16.072	0.8997	0.0187
neryl acetate	16.507	23.1057	0.4793
geranyl acetate	16.848	1223.1091	25.3703
b-caryophyllene	17.157	3.8009	0.0788
eugenol	17.342	12.0517	0.2500
germacrene D	18.162	5.8528	0.1214
bicyclogermacrene	18.474	4.3087	0.0894
d-cadinene	18.738	6.5037	0.1349
globulol	19.926	0.9559	0.0198
spathulenol	20.024	4.0790	0.0846
viridiflorol	20.092	0.8622	0.0179
	Sum	4666.1305	96.79