

CERTIFICATE OF ANALYSIS


SAMPLE	Essential Oil Of Eucalyptus radiata
CUSTOMER	Projects Etc Pty Ltd Japan
CERTIFICATION DATE	01 June 2017
CUSTOMER LOT/BATCH No.	RD2017
LABORATORY REFERENCE	ARL172628
JOB No.	A171018

TEST	RESULTS	TEST METHOD
	Area %	
α -pinene	3.29	ARL-TM101-3*
sabinene	0.50	
β -pinene	0.78	
myrcene	1.40	
α -phellandrene	2.01	
α -terpinene	1.02	
limonene	6.01	
β -phellandrene	1.71	
p-cymene	0.79	
1,8-cineole	62.87	
γ -terpinene	2.23	
terpinen-4-ol	4.14	
α -terpineol	7.31	
geraniol	0.03	
neral	0.47	
geranial	0.50	
peperitone	0.04	
terpinyl acetate	1.26	
β -caryophyllene	0.28	

* Assay by GC (FID detection)

.....

MS SAMANTHA MORROW
ANALYTICAL OFFICER

.....

MR ASHLEY DOWELL
MANAGER - ARL

Sample Name: EUCALYPTUS RADIATA RD2017

```

=====
                          Area Percent Report
=====

```

```

Sorted By           :      Signal
Calib. Data Modified :      5/31/2017 9:14:18 AM
Multiplier          :      1.0000
Dilution            :      1.0000
Use Multiplier & Dilution Factor with ISTDs

```

Signal 1: FID1 A,

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Area %	Name
1	7.278	BB	0.0288	155.78070	3.28796	a-pinene
2	8.346	BV	0.0215	23.86713	0.50375	sabinene
3	8.433	VB	0.0233	37.11118	0.78328	b-pinene
4	8.587	BB	0.0207	66.52453	1.40409	myrcene
5	8.981	BV	0.0209	95.24928	2.01036	a-phellandrene
6	9.216	VB	0.0202	48.41508	1.02186	a-terpinene
7	9.429	BB	0.0214	284.79584	6.01099	limonene
8	9.584	BV	0.0227	80.81548	1.70572	b-phellandrene
9	9.806	MF	0.0203	37.35768	0.78848	p-cymene
10	9.864	FM	0.0345	2978.84155	62.87238	1,8 cineole
11	10.169	BB	0.0195	105.73578	2.23169	g-terpinene
12	12.766	BV	0.0210	196.00073	4.13685	terpinen-4-ol
13	13.095	VV	0.0221	346.54486	7.31429	a-terpineol
14	14.032	MF	0.0199	1.58785	0.03351	geraniol
15	14.051	FM	0.0261	22.47697	0.47441	neral
16	14.547	BV	0.0216	23.63513	0.49885	geranial
17	14.621	VB	0.0271	1.99139	0.04203	piperitone
18	15.441	BV	0.0202	59.60301	1.25800	terpinyl acetate
19	16.168	BV	0.0216	13.41335	0.28311	b-caryophyllene

```
Totals :                      4579.74752  96.6616
```

```

=====
*** End of Report ***

```