

CERTIFICATE OF ANALYSIS

SAMPLE NAME		Leptospermum petersonii	
FORM		Oil	
CUSTOMER NAME		Projects Etc Pty (Japan)	
CERTIFICATION DATE		08 November 2019	
CUSTOMER REFERENCE		LTT2019	
ARL JOB #	A192692	LAB REF. #	ARL1907238
ANALYSIS	GCFID - Area%		

TEST	RESULTS	TEST METHOD
	Area %	
α -pinene	0.34	ARL-TM101-4*
β -pinene	0.10	
myrcene	1.54	
linalool	2.54	
pulegol	2.81	
citronellal	15.53	
iso-pulegol	1.40	
cis-iso-citral	0.91	
trans-iso-citral	1.62	
citronellol	1.37	
nerol	0.73	
geraniol	1.56	
neral	26.15	
geranial	33.49	
citronellyl acetate	0.27	
caryophyllene	0.25	

* Assay by GC (FID detection –area percent report)



Regan Barker

LABORATORY ASSISTANT



Ashley Dowell

MANAGER - ARL

Sample Name: Leptospermum petersonii LTT2019

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 Area Percent Report
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Sorted By : Signal
 Calib. Data Modified : Friday, November 08, 2019 2:06:56 PM
 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	8.131	VB	0.0285	12.00120	0.33629	a pinene
2	9.320	VV	0.0263	3.73610	0.10469	b-pinene
3	9.411	VV	0.0214	54.94720	1.53971	myrcene
4	11.881	BV	0.0211	90.64361	2.53998	linalool
5	13.000	VV	0.0211	100.22289	2.80841	pulegol
6	13.052	VV	0.0211	554.08698	15.52642	citronellal
7	13.190	VV	0.0227	49.83652	1.39650	iso - pulegol
8	13.394	VB	0.0205	32.32799	0.90588	cis-iso-citral
9	13.747	VV	0.0202	57.68905	1.61654	trans-iso-citral
10	14.186	VV	0.0239	49.05917	1.37472	citronellol
11	14.373	VV	0.0309	26.14787	0.73271	nerol
12	14.832	VV	0.0226	56.98600	1.59684	geraniol
13	14.911	VV	0.0253	933.30383	26.15269	neral
14	15.406	VV	0.0266	1195.01416	33.48625	geranial
15	15.947	VV	0.0262	9.51142	0.26653	citronellyl acetate
16	17.040	VV	0.0336	8.98319	0.25172	caryophyllene

Totals : 3234.49716 90.6359

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 *** End of Report ***

 RB
 08/11/19