

CERTIFICATE OF ANALYSIS COVER PAGE

SAMPLE NAME	Buddhawood Oil/Desert Rosewood Oil		
CLIENT	Sandal Oils Australia	ARL JOB NUMBER	A26-00-1105
CUSTOMER REFERENCE	Buddha 1	SAMPLE ID	A26-00-1105-0001
SAMPLE FORM	Essential oil	CERTIFICATE ISSUE NUMBER	1
METHOD	ARL-TM101-4	CERTIFICATE DATE	29 April 2026
ANALYSIS	GC-FID analysis of buddhawood oil (<i>Eremophila mitchelli</i>)		
CERTIFICATE ID	A26-00-1105-0001_GC_BUDDHAWOOD_ARL1		

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QC AUTHORISED	<i>A. Mann</i>		

TEST	RESULTS
	Area%
eremophilene	1.3
α -selinene	0.5
neo intermedeol	1.4
eremophila-1,11-dien-9-one	5.1
eremophilone	33.6
hydroxy dihydro eremophilone	14.1
hydroxy eremophilone	26.2
C15H20O2 (CAS 669064-29-3)	4.8
trans-9-oxo-eremophilane	0.1

Analysis Notes:

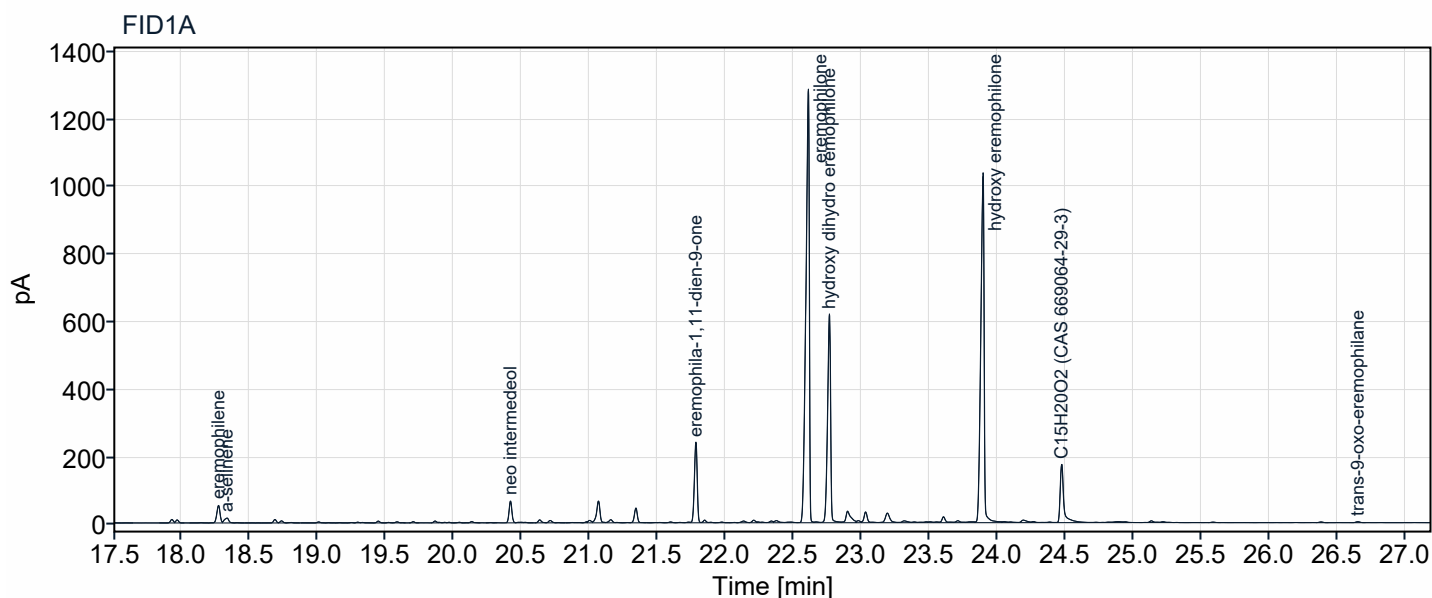
- *Assay by GC (FID detection)

Sample: Buddhawood Oil/Desert Rosewood Oil

Sample ID: A26-00-1105-0001~GC_BUDDHAW2100E

Data file: /GC/DB-35/Results/QCB2604-01041-20260421 161941.rsl/t20260421 1619414_08.dx

Instrument:	GC-03	Sample amount:	1.000
Injection date:	2026-04-21 20:47:00+10:00	Location:	4
Acq. method:	EO Base - FID - 6850.amx	Injection:	1 of 1
Analysis method:	GCFID_Buddhawood_EOBASE_LI MS.pmx	Injection volume:	1.000 µL
Analyst:	STAFF\rbarker	Multiplier:	1
Report Date:	2026-04-23 07:35:12+10:00	Dilution:	1



Name	RT [min]	Area	Peak Area Percent
eremophilene	18.267	86.6754	1.2940
a-selinene	18.330	32.1096	0.4794
neo intermedeol	20.417	93.9591	1.4027
eremophila-1,11-dien-9-one	21.782	339.2806	5.0652
eremophilone	22.609	2248.9223	33.5748
hydroxy dihydro eremophilone	22.765	947.5868	14.1468
hydroxy eremophilone	23.895	1758.1294	26.2476
C15H20O2 (CAS 669064-29-3)	24.475	318.6028	4.7565
trans-9-oxo-eremophilane	26.655	5.3665	0.0801
	Sum	5830.6326	87.05