

Diagnostic and Analytical Services
Environmental Laboratory
1243 Bruxner Highway WOLLONGBAR NSW 2477
Phone 02 6626 1103 Email wollongbar.csu@dpi.nsw.gov.au

Owner STONE RISE FARM
PO BOX 667
LANCEFIELD VIC 3435

Submitted 12.6.12

Received 18.6.12

Samples received 1 x essential oil, *Lavandula angustifolia* "Bee" 12022

Country of Origin as stated by supplier **AUSTRALIA**

**CERTIFICATE OF ANALYSIS
LAVENDER OIL
METHOD USED - AREA PERCENT NORMALISATION
METHOD 1311**

Sample ID	A 12022	FRENCH	AUST	GROSSO	SPIKE
Laboratory No	6560	LAV	LAV	LAV	LAV
limonene %	0.1	0 → 0.5	0 → 0.7	0.5 → 1.5	0.5 → 3.0
β-phellandrene %	0.0	0 → 0.5	0 → 0.4		
cis-β-ocimene %	3.7	4.0 → 10.0	1.8 → 7.0	0.5 → 1.5	
octan-3-one %	3.9	tr → 2.0	1.7 → 4.6		
octen-3-ol %	0.1				
1,8 cineole %	0.0	0 → 1.0	0 → 2.1	4.0 → 7.0	20 → 35
trans-β-ocimene %	0.4	1.5 → 6.0	0.6 → 1.6	tr → 1.0	
1-octen-3-yl acetate %	1.2				
linalool %	37.1	25 → 38	33.5 → 43.5	24 → 35	30 → 50
camphor %	0.1	tr → 0.5	0.2 → 0.5	6.0 → 8.0	8 → 16
terpinen-4-ol %	2.3	2.0 → 6.0	1.9 → 4.9	1.5 → 5.0	
lavandulol %	0.6	0.3 →	0.6 → 1.5	0.2 → 0.8	
borneol %	0.3			1.5 → 3.0	
α-terpineol %	trace	0 → 1.0	0.1 → 0.6		0.5 → 2.0
linalyl acetate %	38.6	25 → 45	26.1 → 38.1	28 → 38	tr → 1.5
lavandulyl acetate %	2.1	2.0 →	0.8 → 3.2	1.5 → 3.0	
β-caryophyllene %	2.4				
trans β farnesene %	0.2				

Date of Analysis: 18 June, 2012



MIKE RUSSELL
TECHNICAL OFFICER
19 June, 2012 SGJ

FINAL REPORT C BURDER - EMAIL & POST
M RUSSELL

- These results apply to the sample(s) as provided.
- This report should not be reproduced except in full.
- Samples will be retained for one year from the date of the final report. Samples will then be discarded. Clients wishing to recover their samples must contact the laboratory within this period. The laboratory will return residual samples at client expense when requested.