

Chartered Chemists

**31-Aug-2016**

**REPORT NUMBER: M161697**

Site/Client Ref: Micro-Chamber Analysis

**Gerflor Australasia**

**17 Cato Street**

**Hawthorn East**

**VIC 3123**

**Attention: Bronwyn Campbell**

## CERTIFICATE OF ANALYSIS

**SAMPLES:** Two samples were received for analysis

**DATE RECEIVED:** **12-Aug-2016**

**DATE COMMENCED:** **12-Aug-2016**

**METHODS:** See Attached Results

**RESULTS:** Please refer to attached pages for results.

Note: Results are based on samples as received at SGS laboratories

**REPORTED BY:**

A handwritten signature in black ink, appearing to read 'm7' with a flourish.

**Michael Jeddou**

Senior Chemist

# ANALYTICAL RESULTS

**Matrix: Solid**

**Method: VOC Emmisions (μ-Chamber) (ASTM D5116/D7706)**

Sample units are expressed in mg/m<sup>2</sup>/hr

Test Started: 15-08-2016

Analyte Name	Sampled Date	Leeder ID	2016021494	2016021495	2016021496
		Client ID	Virtuo Premium	Taralay Emotion	Method
	PQL				Blank
1-Methyl-2-pyrrolidone	0.001		nd	nd	nd
Naphthalene	0.001		nd	0.005	nd
Nonanal	0.001		nd	nd	nd
Acetaldehyde	0.001		0.003	0.024	nd
Benzene	0.001		0.001	nd	nd
Caprolactam	0.001		nd	nd	nd
2-Ethyl-1-hexanol	0.001		0.45	0.019	nd
2-Ethylhexanoic acid	0.001		nd	nd	nd
Octanal	0.001		nd	nd	nd
Styrene	0.001		0.021	0.001	nd
4-Phenylcyclohexene	0.001		nd	nd	nd
Toluene	0.001		0.066	0.011	nd
Vinyl Acetate	0.001		nd	nd	nd
Vinyl Cyclohexene	0.001		nd	nd	nd
Xylenes	0.001		0.054	0.011	nd
Total VOC as Toluene	0.1		3.0	2.6	nd
Formaldehyde	0.01		0.01	nd	nd



## QA/QC RESULTS

**Matrix: Solid**

**Method: VOC Emmissions ( $\mu$ -Chamber) (ASTM D5116/D7706)**

Quality Control Results are expressed in Percent Recovery of expected result

Test Started: 15-08-2016

Analyte Name	Sampled Date	Leeder ID	2016021497	2016021498
		Client ID	Method	Method
		PQL	Spike	Spike Dup
Benzene			92	95
2-Ethyl-1-hexanol			82	83
Toluene			93	95
Xylenes			93	95

**QUALIFIERS / NOTES FOR REPORTED RESULTS**

- PQL Practical Quantitation Limit
- nd Not Detected – The analyte was not detected above the reported PQL.
- is Insufficient Sample to perform this analysis.
- T Tentative identification based on computer library search of mass spectra.
- NC Not calculated and/or Results below PQL
- NV No Vacuum, Canister received above standard atmospheric pressure
- nr Not Requested for analysis.
- R Rejected Result – results for this analysis failed QC checks.
- SQ Semi-Quantitative result – quantitation based on a generic response factor for this class of analyte.
- IM Inappropriate method of analysis for this compound
- U Unable to provide Quality Control data – high levels of compounds in sample interfered with analysis of QC results.
- UF Unable to provide Quality Control data- Surrogates failed QC checks due to sample matrix effects
- L Analyte detected at a level above the linear response of calibration curve.
- E Estimated result. NATA accreditation does not cover estimated results.
- C1 These compounds co-elute.
- Parameter Not Determined
- CT Elevated concentration. Results reported from carbon tube analysis
- \*\* Sample shows non-petroleum hydrocarbon profile

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**APPENDIX ONE.**

CHAIN OF CUSTODY DOCUMENT





# Chain of Custody Record

Dispatch samples to: Unit 10/585 Blackburn Road, Notting Hill, Victoria 3168, Australia  
 Attn: Sample Reception - Contact Ph: +613 9574 3311 Email: [au.samplereceipt.mitcham@sgs.com](mailto:au.samplereceipt.mitcham@sgs.com)

Sheet of

CLIENT NAME: Gerflor Australasia		CONTACT PHONE No: 0400 565 200		ABN: 31 006 551 168														
CLIENT ADDRESS: 17 Cato Street, Hawthorn East VIC 3123		SAMPLED BY: Bronwyn Campbell		LAB QUOTE NUMBER:														
CONTACT: Bronwyn Campbell		RESULTS REQUIRED BY: bcampbell@gerflor.com.au		Analytes Required (Analyte + Method Code)														
PROJECT REF. Taralay Emotion		EMAIL ADDRESS:		Micro - chamber emission testing - VOC														
PURCHASE ORDER No:		Containers/Preservation (please mark with X)																
Client Sample ID	Date Sampled	Matrix		0.1-1.0 litre(P) Nat.		40ml Vial(G) H2SO4		125mL (P) HCl acid washed		125mL (P) Zn Ace NaOH		125mL (P) Filtered Yes/No HNO3		125mL (P) NaOH		0.1-1.0 litre (P) sterilised		
		Soil	Water	Other	0.1-1.0 litre(G) Nat.	40ml Vial(G) Nat.	40ml Vial(G) H2SO4	0.1-1L (P) H2SO4	125mL (P) HCl acid washed	125mL (P) Zn Ace NaOH	125mL (P) Filtered Yes/No HNO3	125mL (P) NaOH	0.1-1.0 litre (P) sterilised					
Taralay Emotion																		
<b>Totals:</b>																		
<b>CHAIN OF CUSTODY RECORD</b>																		
Custody Seals Intact?		Yes / No		Samples Received Chilled?		Yes / No												
RELEASED BY: (Name)	(Signature)	(Date / Time)	(Date / Time)	RELEASED BY: (Name)	(Signature)	(Date / Time)	(Date / Time)											
RECEIVED BY: (Name)	(Signature)	(Date / Time)	(Date / Time)	RECEIVED BY: (Name)	(Signature)	(Date / Time)	(Date / Time)											
	<i>Sandra Behne</i>		12/6/16 9:30am															
Please Note: Dissolved metals require filtering in the field.																		
Comments: (eg. Highly contaminated samples, reporting requirements etc)																		
Notes:																		