

Chartered Chemists

**25-Jun-2015**

**REPORT NUMBER: M150900BR1**

Site/Client Ref: VOC

**Goldenfield Corp**

**9-11 Hillwin St  
Reservoir**

**Victoria 3073  
Attention: Tony Dunn**

### **CERTIFICATE OF ANALYSIS**

This report replaces previous report dated 14-May-2015

**SAMPLES:** One sample was received for analysis

**DATE RECEIVED:** **23-Apr-2015**

**DATE COMMENCED:** **24-Apr-2015**

**METHODS:** See Attached Results

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

Note: Results are based on samples as received at SGS Leeder Consulting's laboratories

This sample was found to have a formaldehyde emission rate which was lower than the E1 limit of 3.5 mg/m<sup>2</sup>/hr by EN 717-2.

**REPORTED BY:**



**Yassir Arafat**  
Chemist



**ANALYTICAL RESULTS**

**Matrix: Solid**

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

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

Test Started: 06-May-14

Analyte Name	Sampled Date	Leeder ID	2015009579	2015009583
		Client ID	14mm Strand-woven Bamboo Floor Green Earth	Method
		PQL		Blank
1-Methyl-2-pyrrolidone			<0.0020	<0.0020
Naphthalene			<0.0020	<0.0020
Nonanal			<0.014	<0.014
Acetaldehyde			0.71	<0.014
Benzene			<0.0020	<0.0020
Caprolactam			<0.0020	<0.0020
2-Ethyl-1-hexanol			<0.0020	<0.0020
2-Ethylhexanoic acid			<0.0020	<0.0020
Octanal			<0.014	<0.014
Styrene			<0.0020	<0.0020
4-Phenylcyclohexene			<0.0020	<0.0020
Toluene			0.063	<0.0020
Vinyl Acetate			<0.0020	<0.0020
Vinyl Cyclohexene			<0.0020	<0.0020
Xylenes			0.040	<0.0020
Total VOC as Toluene			28	<0.2
Formaldehyde			0.31	<0.014



**Matrix: Solid**

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

Quality Control Results are expressed in Percent Recovery of expected result

Test Started: 30-Apr-15

Analyte Name	Sampled Date	Leeder ID	2015009584	2015009585
		Client ID	Method	Method
PQL			Spike	Spike Dup
Acetaldehyde			129	129
Benzene			90	92
2-Ethyl-1-hexanol			92	91
Toluene			99	122
Xylenes			85	91
Formaldehyde			85	77

**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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