



TESTING TECHNOLOGY FOR SPORT

Laboratory Analysis Report

Report Number: 92307 / 2846

Report Status: Final

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REGIONAL LOCATIONS

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- Columbia, Missouri
- Dallas, Texas
- Orlando, Florida
- Providence, Rhode Island

Project Name	FK9N2	Job Number	92307
Sample Type	Forever Lawn-FK9N2	Daybook Number	2846
Client Information	STR 809 Kenner St Dalton GA 30721	Dates Tested	10/20/2021-12/07/2021
		Issue Date	12/08/2021
Materials Description	GREEN AND TAN MONOFILAMENT W/ GREEN THATCH		
Report Status	Final		
Prepared By	Mark Korvas		
Checked By	Kieran O'Donnell		

Introduction

This report details the test results from the sample submitted to our Laboratory for analysis according to the following method:

- EPA 8270C
- ASTM F-3188
- EPA 7471B
- EPA 8260D

*Not all tests carried out are within our scope of ISO 17025 Accreditation.

⁽¹⁾ This testing was carried out by sub-contracted specialist laboratories under their report number 0282131

Forward

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VOC Name	Calculated Emission factor ($\mu\text{g}/\text{m}^2\text{hr}$)	Predicted Airborne Concentration ($\mu\text{g}/\text{m}^3$)*		Maximum Concentration Limits ($\mu\text{g}/\text{m}^3$)
		Classroom	Private Office	
Total VOCs (TVOC)	100	49	56	NA
Formaldehyde ^{1,2}	<3.2	<1.5	<1.7	9
Acetaldehyde ^{1,2}	<4.4	<2.1	<2.4	70
Isopropanol	<2.9	<1.4	<1.7	3500
1, 1-dichloroethylene	<2.9	<1.4	<2.4	35
Methylene chloride ²	<2.9	<1.4	<1.6	200
Carbon disulfide ^{1,2}	<2.9	<1.4	<1.6	400
MTBE ²	<2.9	<1.4	<1.6	4000
Vinyl acetate ²	<2.9	<1.4	<1.6	100
Hexane ²	<2.9	<1.4	<1.6	3500
Chloroform ^{1,2}	<2.9	<1.4	<1.6	150
2-methoxyethanol ¹	<2.9	<1.4	<1.6	30
1,1,1-trichloroethane ²	<2.9	<1.4	<1.6	500
Benzene ^{1,2}	<2.9	<1.4	<1.6	1.5
1-methoxy-2-propanol	<2.9	<1.4	<1.6	3500
Carbon tetrachloride ^{1,2}	<2.9	<1.4	<1.6	20
Ethylene glycol ²	<2.9	<1.4	<1.6	200
1,4-dioxane ^{1,2}	<2.9	<1.4	<1.6	1500
Trichloroethylene ^{1,2}	<2.9	<1.4	<1.6	300
Ephichlorohydrin ^{1,2}	<1.5	<0.69	<0.78	1.5
2-ethoxyethanol ¹	<2.9	<1.4	<1.6	35
n,n-dimethylformamide ²	<2.9	<1.4	<1.6	40
Toluene ^{1,2}	<2.9	<1.4	<1.6	150
2-methoxyethanol acetate ¹	<2.9	<1.4	<1.6	45
Tetrachloroethylene ^{1,2}	<2.9	<1.4	<1.6	17.5
Chlorobenzene ²	<2.9	<1.4	<1.6	500
Ethylbenzene ^{1,2}	<2.9	<1.4	<1.6	1000
m & p-xylene ²	<2.9	<1.4	<1.6	350
Styrene ^{1,2}	<2.9	<1.4	<1.6	450
2-ethoxyethyl acetate ¹	<2.9	<1.4	<1.6	150
o-xylene ²	<2.9	<1.4	<1.6	350
Phenol ²	<2.9	<1.4	<1.6	100
1,4-dichlorobenzene ^{1,2}	<2.9	<1.4	<1.6	400
Isophorone ²	<2.9	<1.4	<1.6	1000
Naphthalene ^{1,2}	<1.5	<1.4	<1.6	4.5

RESULTS	
Emission Factor	100 $\mu\text{g}/\text{m}^2/\text{hr}$
Classroom Concentration	49 $\mu\text{g}/\text{m}^3/\text{hr}$
Office Concentration	56 $\mu\text{g}/\text{m}^3/\text{hr}$

END REPORT