



April 16, 2010

Uv Flu Technologies, Inc.
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Roger,

Enclosed is the summary of results for Odor-Reduction testing conducted on the Uv Flu Tech units previously tested. The figures represent average, and gives an indication as to the efficiency of the units.

Conclusion: The unit appears to be effective in reducing odor-causing elements in air.

Analytical Report

Procedure for Odor Analytes:

Equipment: Air Pump: Air One Model T1-004
Sorbent Tube: SKC 226-01 coconut charcoal
and
Gas Chromatograph: Hewlett Packard 5890 with Flame Ionization Detector
using an RTX-508.2 105m column and a 3393A
Integrator for data analysis.
HPLC : Perkin Elmer Series 200 System (Autosampler, Pump, UV-Vis Detector and
Peltier Column Oven), using Total Chrom Software for data analysis, with a
PE 15cm C18 PAH Column.

Standards: Gravimetric in methanol using Sigma reagents.

Introduction into chamber using the DeVilbiss Sprayer; sampling using air pump at air lock. Flows at 0.1 LPM.

Results:

Odor Elements By (GC) Gas Chromatography (All Results mg/m³)

<u>Sample:</u>	<u>Isoamyl Acetate</u>	<u>Butyl Acrylate</u>	<u>Pinene</u>	<u>Limonene</u>	<u>Naphthalene</u>	<u>4-phenyl cyclohexene</u>
Background	ND	ND	ND	ND	ND	ND
Baseline #1	124	102	272	488	54	219
Baseline #2	113	101	196	274	49	198
(2) Minutes	93	77	171	154	40	163
(10) Minutes	82	53	147	128	37	150

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Analytical Report

(continued)

Results: (continued)

Phenol By HPLC (All Results mg/m³)

<u>Sample:</u>	<u>Phenol</u>
Background	ND
Baseline #1	332
Baseline #2	211
(2) Minutes	63
(10) Minutes	8.7

Summary == % Reductions:

<u>Sample:</u>	<u>% Reductions</u>		
	<u>Baseline</u>	<u>1st Pass</u>	<u>2nd Pass</u>
Isoamyl acetate	8.9	18	12
Butyl acrylate	1.0	24	31
Pinene	28	13	16
Limonene	44	44	17
Napthalene	9.3	18	7.5
4-phenylcyclohexyl	9.6	18	7.5
Phenol	36	70	14

Approved By: 
 Laboratory Director