



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)

Table with 7 columns: Sample, Isoamyl Acetate, Butyl Acrylate, Pinene, Limonene, Naphthalene, 4-phenyl cyclohexene. Rows include Background, Baseline #1, Baseline #2, (2) Minutes, and (10) Minutes.



Analytical Report

(continued)

Results: (continued)

Phenol By HPLC (All Results mg/m³)

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

Summary == % Reductions:

Sample:	% Reductions		
	Baseline	1 st Pass	2 nd Pass
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