

**Urban Floor**

3707 Capitol Ave
City of Industry, CA 90601
323-890-0000
terry@urbanfloor.com

Face to Face Platform Test

Report Date:	4/21/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 1
Sample #:	7863
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.289
Raw Absorbance Values:	0.007
	0.001
	0.009
Average Absorbance:	0.006
Unadjusted PPM:	0.013
Temp. Correction Factor 77°F:	0.90
R.H. Correction Factor 50% RH:	1.03
Standardized Concentration PPM:	0.012
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product:	Royal Court 3/8"		
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	20-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	4
Chamber Conditions	
Barometric Pressure (in):	30.30
Dry Bulb Temp (°F):	78.60
Relative Humidity (%):	48.70
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

*Services performed for this project have been conducted with a level of care and skill ordinarily exercised by members of the profession currently practicing in this area under similar conditions and restraints. No warranty, expressed or implied, is made.

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Respectfully Submitted,

Benchmark Holdings LLC

Travis R. Snapp
Managing Director / COO
Benchmark International LLC



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Face to Face Platform Test

Report Date:	4/21/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 2
Sample #:	7865
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.167
Raw Absorbance Values:	0.010
	0.014
	0.009
Average Absorbance:	0.011
Unadjusted PPM:	0.023
Temp. Correction Factor 77°F:	0.89
R.H. Correction Factor 50% RH:	1.05
Standardized Concentration PPM:	0.021
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product: Welcome Home 1/2"			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	20-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	2
Chamber Conditions	
Barometric Pressure (in):	30.20
Dry Bulb Temp (°F):	79.00
Relative Humidity (%):	47.60
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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Face to Face Platform Test

Report Date:	4/21/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 3
Sample #:	7866
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.184
Raw Absorbance Values:	0.004
	0.004
	0.007
Average Absorbance:	0.005
Unadjusted PPM:	0.011
Temp. Correction Factor 77°F:	0.90
R.H. Correction Factor 50% RH:	1.03
Standardized Concentration PPM:	0.010
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product:	Mountain Country Collection - Hickory 1/2"		
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	20-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	3
Chamber Conditions	
Barometric Pressure (in):	30.20
Dry Bulb Temp (°F):	78.70
Relative Humidity (%):	48.30
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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Face to Face Platform Test**Report Date:** 4/21/2015**Project #:** Consumer

Report Of: Face to Face Platform Test

Report #: Urban Floor 4

Sample #: 7867

**Reporting
Lab:**

Benchmark Holdings, LLC
2710 West 5th Avenue, Eugene, OR 97402 USA
Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber**Chamber Results**

	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.201
Raw Absorbance Values:	0.001
	0.000
	0.000
Average Absorbance:	0.000
Unadjusted PPM:	0.000
Temp. Correction Factor 77°F:	0.91
R.H. Correction Factor 50% RH:	1.01
Standardized Concentration PPM:	0.000
Maximum PPM: Phase 2 = 0.05	

Production Data

Product: Chiseled Edge - Maple 9/16"			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	20-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#: 4**Chamber Conditions**

Barometric Pressure (in):	30.20
Dry Bulb Temp (°F):	78.40
Relative Humidity (%):	49.70
Length of Test (minutes):	30.00

Standardized Concentration PPM: 0.000 **Non Detectable****Comments:**

*Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.*

Parameters:

Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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Face to Face Platform Test

Report Date:	4/24/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 5
Sample #:	7893
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.378
Raw Absorbance Values:	0.003
	0.008
	0.002
Average Absorbance:	0.004
Unadjusted PPM:	0.008
Temp. Correction Factor 77°F:	0.90
R.H. Correction Factor 50% RH:	1.07
Standardized Concentration PPM:	0.008
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product: 9/16" Urban Lifestyle - Walnut			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	23-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	2
Chamber Conditions	
Barometric Pressure (in):	30.40
Dry Bulb Temp (°F):	78.80
Relative Humidity (%):	46.60
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ±2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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Face to Face Platform Test

Report Date:	4/24/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 6
Sample #:	7894
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.395
Raw Absorbance Values:	0.001
	0.002
	0.000
Average Absorbance:	0.001
Unadjusted PPM:	0.002
Temp. Correction Factor 77°F:	0.91
R.H. Correction Factor 50% RH:	1.05
Standardized Concentration PPM:	0.002
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product: 1/2" Mountain Country Collection - Walnut			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	23-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	3
Chamber Conditions	
Barometric Pressure (in):	30.40
Dry Bulb Temp (°F):	78.50
Relative Humidity (%):	47.30
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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Face to Face Platform Test

Report Date:	4/24/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 7
Sample #:	7897
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.401
Raw Absorbance Values:	0.004
	0.003
	0.000
Average Absorbance:	0.002
Unadjusted PPM:	0.004
Temp. Correction Factor 77°F:	0.91
R.H. Correction Factor 50% RH:	1.03
Standardized Concentration PPM:	0.004
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product: 1/2" Mountain Country Collection - Birch			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	23-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	4
Chamber Conditions	
Barometric Pressure (in):	30.40
Dry Bulb Temp (°F):	78.40
Relative Humidity (%):	48.40
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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Face to Face Platform Test

Report Date:	4/24/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 8
Sample #:	7899
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.423
Raw Absorbance Values:	0.005
	0.006
	0.006
Average Absorbance:	0.006
Unadjusted PPM:	0.013
Temp. Correction Factor 77°F:	0.94
R.H. Correction Factor 50% RH:	1.03
Standardized Concentration PPM:	0.013
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product: 1/2" Mountain Country Collection - Maple			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	23-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	5
Chamber Conditions	
Barometric Pressure (in):	30.40
Dry Bulb Temp (°F):	78.00
Relative Humidity (%):	48.50
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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Face to Face Platform Test

Report Date:	4/24/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 9
Sample #:	7901
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.372
Raw Absorbance Values:	0.004
	0.002
	0.001
Average Absorbance:	0.002
Unadjusted PPM:	0.004
Temp. Correction Factor 77°F:	0.89
R.H. Correction Factor 50% RH:	1.07
Standardized Concentration PPM:	0.004
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product: 5/8" Villa Caprisi			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	23-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	2
Chamber Conditions	
Barometric Pressure (in):	30.40
Dry Bulb Temp (°F):	78.90
Relative Humidity (%):	46.60
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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Face to Face Platform Test

Report Date:	4/24/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 10
Sample #:	7903
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.406
Raw Absorbance Values:	0.002
	0.002
	0.002
Average Absorbance:	0.002
Unadjusted PPM:	0.004
Temp. Correction Factor 77°F:	0.92
R.H. Correction Factor 50% RH:	1.01
Standardized Concentration PPM:	0.004
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product: 5/8" Composer Maestro			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	23-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	4
Chamber Conditions	
Barometric Pressure (in):	30.40
Dry Bulb Temp (°F):	78.30
Relative Humidity (%):	49.40
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ±2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

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terry@urbanfloor.com

Face to Face Platform Test

Report Date:	4/27/2015
Project #:	Consumer
Report Of:	Face to Face Platform Test
Report #:	Urban Floor 11
Sample #:	7911
Reporting Lab:	Benchmark Holdings, LLC 2710 West 5th Avenue, Eugene, OR 97402 USA Phone: 541/484-9212 - Fax: 541/344-2735

ASTM D6007 Determining Formaldehyde Emissions Using Small Chamber

Chamber Results	
	Impinger #1
Observed Flow Rate (l/m):	1.000
Corr. Vol. of Air Sample:	30.312
Raw Absorbance Values:	0.007
	0.009
	0.002
Average Absorbance:	0.006
Unadjusted PPM:	0.013
Temp. Correction Factor 77°F:	0.93
R.H. Correction Factor 50% RH:	1.03
Standardized Concentration PPM:	0.012
Maximum PPM: Phase 2 = 0.05	

Production Data			
Product: 9/16" Downtown - Oak			
Mill Code:	NS	Prod Date:	NS
Prod Group:	HWPW-VC*	Control Date:	NS
Test Date:	24-Apr-15	Coll. Date:	10-Mar-15

CHAMBER ID#:	5
Chamber Conditions	
Barometric Pressure (in):	30.30
Dry Bulb Temp (°F):	78.20
Relative Humidity (%):	48.50
Length of Test (minutes):	30.00

Comments:	<i>Sample passes published CARB Phase 2 standard. *Sample is finished flooring w/ a hardwood plywood veneer core (HWPW-VC) platform. Double specimens were taped face to face in order to test the regulated platform only.</i>
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Parameters:			
Loading Ratio:	0.430	Volume =	.1191863m ³
Chamber Dimensions:	.49213m x .49213m x .49213m		
Air Exchange Rate:	0.50 ± 0.05 air changes per hour		

*The chamber is activated under positive pressure. The air sampling rate was 1.0 liters per minute at 30 ± 2 minutes.

*The samples were conditioned for seven days prior to testing at 70° to 80° F and 45% to 55% relative humidity. During conditioning, the formaldehyde background level was 0.01 parts per million or less.

*Services performed for this project have been conducted with a level of care and skill ordinarily exercised by members of the profession currently practicing in this area under similar conditions and restraints. No warranty, expressed or implied, is made.

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Respectfully Submitted,

Benchmark Holdings LLC

Travis R. Snapp
Managing Director / COO
Benchmark International LLC

