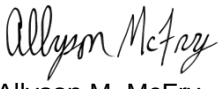
FIELD SAMPLING TEST REPORT	
Customer Information	LST.FAI.HBDCResults@ul.com UL Verification Services, Inc. 3251 Old Lee Highway, Suite 100 Fairfax, VA 22030
HB Project Number	2009049NY
Date Received	October 19, 2020
Testing Laboratory Location	UL Environment - Marietta, 2211 Newmarket Parkway, Marietta, GA 30067-9399 USA
Method	USEPA Compendium Method TO-17 ; ASTM 6196
Authorized by	 Allyson M. McFry Chemistry Laboratory Director

Sampling: Reported data were obtained from samples and sampling information as provided by the on-site investigator. These data and general information are provided to assist the investigator in an overall IAQ assessment. Interpretation of data is left to the client or persons who conducted the field work.

This test is accredited and meets the requirements of ISO/IEC 17025 as verified by ANSI National Accreditation Board. Refer to certificate and scope of accreditation AT-1297.

Date Issued: November 6, 2020
Product #: 1001053392-3398458
Report #: 1001053392-3398458

UL ID:	SV1TFD
Sample Date:	October 15, 2020
Volume (L):	18.0

CONCENTRATIONS OF TOTAL AND INDIVIDUAL VOLATILE ORGANIC COMPOUNDS

Sample Location/Description	BURN_06_LRHall_5Day_AM
Total Volatile Organic Compounds	BQL

CAS Number	Compound	Concentration	
		µg/m³	ppb
---	none	---	---

Date Issued: November 6, 2020
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UL ID:	SV1TFDF
Sample Date:	October 15, 2020
Volume (L):	18.0

CONCENTRATIONS OF TOTAL AND INDIVIDUAL VOLATILE ORGANIC COMPOUNDS

Sample Location/Description	BURN_06_LRHall_Day_Field Blank
Total Volatile Organic Compounds	BQL µg/m³

CAS Number	Compound	Concentration	
		µg/m³	ppb
287-92-3	Cyclopentane	7.3	2.6

Date Issued: November 6, 2020
Product #: 1001053392-3398458
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UL ID:	SV2TFD
Sample Date:	October 15, 2020
Volume (L):	18.0

CONCENTRATIONS OF TOTAL AND INDIVIDUAL VOLATILE ORGANIC COMPOUNDS

Sample Location/Description	BURN_06LRHall_5Day_PM
Total Volatile Organic Compounds	2.3 µg/m³

CAS Number	Compound	Concentration	
		µg/m³	ppb
64-19-7	Acetic acid	6.1	2.5
287-92-3	Cyclopentane	2.9	1.0
98-01-1	Furfural (2-Furaldehyde)	2.3	0.6

UL ID:	SV3TFD
Sample Date:	October 15, 2020
Volume (L):	18.4

CONCENTRATIONS OF TOTAL AND INDIVIDUAL VOLATILE ORGANIC COMPOUNDS

Sample Location/Description	BURN_06_LRHall_5Day_60 min
Total Volatile Organic Compounds	2.7 µg/m³

CAS Number	Compound	Concentration	
		µg/m³	ppb
287-92-3	Cyclopentane	4.1	1.4
64-19-7	Acetic acid	3.7	1.5
98-01-1	Furfural (2-Furaldehyde)	2.7	0.7

TVOC (total volatile organic compounds) are calibrated relative to toluene.

Field Blanks: Reported concentrations based on 18.0 L of volume sampled for VOCs. Actual field blanks are not intended to have a measurable amount of air sampled.

†Denotes quantified using multipoint authentic standard curve. Other VOCs quantified relative to toluene.

Values below 2.0 µg/m³ are for information purposes only. Chemical was detected, but below the quantifiable level of 0.04 µg based on a standard of 18 L air collection volume.

UL Environment's quality assurance program monitors blank sorbent media to ensure that the residual background does not exceed UL Environment's quality objective of ≤ 36 ng of total VOC.

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Project # 2009049NY

1001053392-3398458

ACTIVE CHEMICAL SAMPLING CHAIN OF CUSTODY

Company: ULVS (Healthy Buildings)	Contact: CARESULTS@UL.COM	Project/P.O./Job Number: 2009049NY_B6_D5
Address: 3251 Old Lee Highway #100 Fairfax, VA 22030	Phone: 571.655.7919 Fax: 703.323.4440	Sample Date: 15 OCT 2020 Investigator: SAM.HORNER

Please check the appropriate fields; Use separate COC for each sample method.

VOLATILE ORGANICS: IVOC SCAN: _____ TOP 20 IVOC _____ TVOC ONLY _____ OTHER B.T.E.X.

ALDEHYDE SCAN: _____ FORMALDEHYDE ONLY _____ | **ANALYSIS: LEED V4 ___ LEED V4.1 ___ OTHER B.T.E.X.**

TAT: Standard X Next Day Rush*_____ * Rush charges apply; please call in advance to confirm availability

Comments:

UL ID	SAMPLE ID/ TUBE ID	SAMPLE LOCATION/ DESCRIPTION	START TIME	STOP TIME	TIME SAMPLED (MIN)	PUMP ID #	FLOW RATE (L/MIN)	VOLUME (L)
U01	2009049NY-06M/ s/n B26984	Burn_06_LRHall_5Day_AM	08:30	12:30	240	2018	0.075 L	17.98 L
U02	2009049NY-06N/ s/n B26559	Burn_06_LRHall_5Day_PM	12:43	16:43	240	2018	0.075 L	17.98 L
U03	2009049NY-06P/ s/n B26288	Burn_06_LRHall_5Day_60 min	12:45	13:45	60	4257	0.306 L	18.39 L
U01F	2009049NY-06Q/ s/n B26429	Burn_06_LRHall_Day_ Field Blank						n/a

Released By (Print/Sign): SAM HORNER — Date/Time: 17OCT2020 — Method of Shipment: UPS Next

Received By: Dan Boston — Date/Time: 10/19/20 10:45AM — Sample Condition: Acceptable

3398458

Description 3398458

Customer: UL Environment Inc.

Received Date: 2020-OCT-19 05:04:42 PM

Aurora Project No.: 1001053392
Order No.:
Oracle Project No.:

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Date Issued: November 6, 2020
Product #: 1001053392-3398458
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