

2211 West Orangewood Avenue Orange, CA 92868 Tel: (714) 937-0750 Fax: (714) 937-0755 www.envirocheck.com (800) 665-7586



Combustion By-Product (CBP) Laboratory Report

Customer: Pasadena Unified School District Attention: 351 South Hudson Avenue Pasadena, CA 91109					Job Location: Altadena Arts Magnet School Claim #McLarens file # 002.062481.00.S 743 East Calaveras Street Altadena, CA 91001							
_ab ID	1525030331	1525030332	1525030333	1525030334	1525030335	1525030336	1525030337	1525030338	1525030339	1525030340		
Sample #	1	2	3	4	5	6	7	8	9	10		
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift		
Soot Black Carbon)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.		
Char Carbonized Material)	<1%	<1%	<1%	N.D.	N.D.	<1%	<1%	<1%	<1%	N.D.		
Ash Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.		
рΗ	7.09	7.08	7.06	6.85	7.10	6.92	7.18	6.94	7.27	6.99		
Location	Building A - A212 - Tote Box at Window	Building A - A210 - Student Desk	Building A - A205 - Annex Display	Building A - A204 - Library / Media Counter	Building A - Administration Entryway Door West	Building A - A106 - Countertop	Building A - A105 - Tabletop	Building A - Hallway #8 - Bookshelf	Building A - A113 - Window Sill	Building A - A120 - Piano Top		
Notes												
Components:	L											
Fibrous Material Fungal Material Paint	X	X	X	X	X	Х	X	X	X	X		
Plant Material Rubber												
Rust/Metal Flakes Other	x x	x	x	x	x	x	×	x	x	x		
Sampled: 03/03/202	5	Received: 0	3/03/2025	Analyzed:	03/06/2025			Rep	oort: 03/06/20	25		
Analysts:	with g	Watt Fonder 1			hall C. Chts				Admin QC: MS			
	Matthew Fonda			Russell Chh	Lussell Chhith				Lab QC: EE			

Samples were analyzed in accordance with ASTM D6602-13: Standard Practice for Sampling & Testing of Possible Carbon Black Fugitive Emissions or Other Environmental Particulate, or Both (modified). Limit of Detection (LOD) is 1.0% and Limit of Quantification (LOQ) is 1.0%. Combustion By-Product (CBP) percentage obtained through calibrated visual estimation (CVE). Char and ash are visually estimated by polarized light microscopy, material transmitted light, and reflected light microscopy analysis, whereas soot is confirmed and visually estimated by TEM (Transmission Electron Microscopy) analysis. The TEM is equipped with an EDS (energy dispersive x-ray spectroscope) for soot elemental composition. *(Soot is presumptive for samples which consist of Tape-lifts only.) The pH is measured to two decimal places via a calibrated pH meter. All samples are disposed of after 30 days unless the customer requests otherwise. Test results apply to the sample as received. Results are not blank corrected. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by AIHA or any agency of the U.S. Government.



2211 West Orangewood Avenue Orange, CA 92868 Tel: (714) 937-0750 Fax: (714) 937-0755 www.envirocheck.com (800) 665-7586



Combustion By-Product (CBP) Laboratory Report

Customer: Pasadena Unified School District Attention: 351 South Hudson Avenue Pasadena, CA 91109

Job Location:	Altadena Arts Magnet School
	Claim #McLarens file # 002.062481.00.S
	743 East Calaveras Street
	Altadena, CA 91001

Lab ID	1525030341	1525030342	1525030343	1525030344	1525030345	1525030346	1525030347	1525030348	1525030349	1525030350
Sample #	11	12	13	14	15	16	17	18	19	20
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Tape-lift*	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift
Soot (Black Carbon)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Char (Carbonized Material)	N.D.	N.D.	<1%	N.D.	N.D.	N.D.	<1%	N.D.	N.D.	N.D.
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
рН	7.11	7.23	6.97	N/A	6.90	7.15	7.11	7.06	7.00	7.10
Location	Building A - Hallway 6 - Coffee Table	Building A - A101A - Countertop	Building B - B118 - Half Circle Desk	Building B - B115 - Window Sill	Building B - Hallway 5 - Bookshelf	Building B - B213 - Teachers Desk	Building - B211 - Desk	Building - B110 - Shelf at Window	Building B - B110 - Dressing Table	Building B - B102 - Window Sill
Notes										
Components:	<u> </u>									<u> </u>
Fibrous Material Fungal Material Paint	X	X	X	X	Х	X	x	X	X	x
Plant Material						x		x		
Rubber Rust/Metal Flakes				x				x	x	
Other	x	х	х	x	х	х	х	x	x	x
Samples were analyzed Environmental Particula obtained through calibra microscopy analysis, wh	l in accordance ite, or Both (mo ated visual estir nereas soot is c	with ASTM D6 dified). Limit o nation (CVE). onfirmed and v	602-13: Stand f Detection (LC Char and ash risually estimat	ard Practice for OD) is 1.0% and are visually esti ted by TEM (Tra	r Sampling & T d Limit of Quar imated by pola ansmission Ele	esting of Poss ntification (LOC rized light mice ectron Microsc	ible Carbon Bla α) is 1.0%. Co roscopy, mater οpy) analysis.	ack Fugitive Er mbustion By-P ial transmitted The TEM is eq	nissions or Oth roduct (CBP) p light, and refleo uipped with an	ier ercentage sted light EDS (energy

microscopy analysis, whereas soot is confirmed and visually estimated by TEM (Transmission Electron Microscopy) analysis. The TEM is equipped with an EDS (energy dispersive x-ray spectroscope) for soot elemental composition. *(Soot is presumptive for samples which consist of Tape-lifts only.) The pH is measured to two decimal places via a calibrated pH meter. All samples are disposed of after 30 days unless the customer requests otherwise. Test results apply to the sample as received. Results are not blank corrected. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by AIHA or any agency of the U.S. Government.



2211 West Orangewood Avenue Orange, CA 92868 Tel: (714) 937-0750 Fax: (714) 937-0755 www.envirocheck.com (800) 665-7586



Combustion By-Product (CBP) Laboratory Report

Customer:	Pasadena Unified School District
Attention:	351 South Hudson Avenue
	Pasadena, CA 91109

Job Location:	Altadena Arts Magnet School
	Claim #McLarens file # 002.062481.00.S
	743 East Calaveras Street
	Altadena, CA 91001

Lab ID	1525030351	1525030352	1525030353	1525030354	1525030355	1525030356	1525030357	1525030358	1525030359	1525030360
Sample #	21	22	23	24	25	26	27	28	29	30
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift
Soot (Black Carbon)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Char (Carbonized Material)	<1%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
рН	7.20	7.03	7.22	7.10	7.21	7.23	7.00	7.06	7.17	6.98
Location	Building B - B106 - Shelf Top	Building B - B201 - Teachers Desk	Building B - Hallway 1 - Water Front Ledge	Building B - B209	Bungalow 2 - Desk at Window	Bungalow 4 - Students Desk	Multipurpose Room - Center Table	Food Service - Serving Line	Kitchen - Prep Table	Community Room - Desk
Notes										
Components:										L
Fibrous Material	х	х	х	х	х	х	х	х	х	х
Fungal Material										
Paint										
Plant Material		x			х					
Rubber										
Rust/Metal Flakes								Х		
Other	Х	х	Х	Х	Х	Х	Х	Х	х	Х
Samples were analyzed Environmental Particula obtained through calibra microscopy analysis, wh dispersive x-ray spectro	in accordance te, or Both (mo ated visual estin nereas soot is o scope) for soo	with ASTM D6 odified). Limit o mation (CVE). confirmed and v t elemental com	602-13: Standa f Detection (LC Char and ash a isually estimat position. *(So	ard Practice fo DD) is 1.0% an are visually est ed by TEM (Tr ot is presumpt	r Sampling & T d Limit of Quar imated by pola ansmission Ele ive for samples	esting of Poss ntification (LOC rized light micr ectron Microsco s which consist	ible Carbon Bla a) is 1.0%. Con oscopy, materi opy) analysis. of Tape-lifts o	ack Fugitive Er mbustion By-Pr al transmitted The TEM is eq nly.) The pH is	nissions or Oth roduct (CBP) p light, and reflec uipped with an s measured to t	er ercentage cted light EDS (energy two decimal

dispersive x-ray spectroscope) for soot elemental composition. *(Soot is presumptive for samples which consist of Tape-lifts only.) The pH is measured to two decimal places via a calibrated pH meter. All samples are disposed of after 30 days unless the customer requests otherwise. Test results apply to the sample as received. Results are not blank corrected. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by AIHA or any agency of the U.S. Government.