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EN CH	NVIRO 2211 West Orangewood Avenue Page 1 c Orange, CA 92868 Tel: (714) 937-0750 Fax: (714) 937-0755 Fax: (714) 937-0755 www.envirocheck.com (800) 665-7586									
Combustion By-Pro	oduct (CBP) I	Laboratory F	≀eport					4	ab ID # 151772	
Customer:	Pasadena U 351 South H Pasadena, (Inified Schoo Iudson Avenu CA 91109	l District Je		L	lob Location:	Longfellow E 1065 East W Pasadena, G	Elementary S Vashington B CA 91104	chool oulevard	
Lab ID	1525011074	1525011075	1525011076	1525011077	1525011078	1525011079	1525011080	1525011081	1525011082	1525011083
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)	<1%	N.D.	N.D.	N.D.	N.D.	N.D.	<1%	N.D.	N.D.	N.D.
Char (Carbonized Material)	N.D.	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.
pH	6.93	7.02	6.73	6.77	7.12	7.05	6.96	6.81	6.85	6.74
Location	Building A - 2nd Floor: Room A200 - Student Desk	Building A - 2nd Floor: Room A202 - South Window Sill	Building A - 2nd Floor: Room A204 - Top of Teacher's Desk	Building A - 2nd Floor: Room A207 - Top of Teacher's Desk	Building A - 2nd Floor: Room A209 - South Window Sill	Building A - 2nd Floor: Room A211 - Top of Student's Desk	Building A - 2nd Floor: Room A206 - East Window Sill	Building A - 2nd Floor: Room A213 - North Window Sill	Building A - 1st Floor: Auditorium - Top of Seat	Building A - 1st Floor: Auditorium - Stage Platform
Notes	T		[
				<u> </u>						
Components:					I ,	·	I .,		·	
Fibrous material	X	X	X	X	X	X	X	X	X	X
Material Consistent With Carbon Black Paint	 									
Plant Material									x	
Rubber										
Rust/Metal Flakes	!	ļ'	 '	 '						Х
Other	Х	Х	Х	Х	Х	Х	Х	Х	Х	X
Sampled: 01/26/202	5	Received: ()1/27/2025	Analyzed:	01/27/2025			Rep	oort: 01/27/20)25
Analysts:	alysts: Arturo Valdez			Matthew For	nda	Russell Chhith			Admin QC: CN Lab QC: EE	
Samples were analyzed Environmental Particula obtained through calibra microscopy analysis, wh dispersive x-ray spectro places via a calibrated µ Results are not blank c client to claim product c	in accordance ite, or Both (mo ated visual estin hereas soot is c pscope) for soot pH meter. All s orrected. This i	with ASTM D6 Idified). Limit c nation (CVE). confirmed and v t elemental con amples are dis report shall not proval or endo.	602-13: Standa if Detection (LC Char and ash a isually estimat position. *(Sc posed of after be reproduced reproduced	ard Practice for DD) is 1.0% an are visually est ed by TEM (Tr yot is presumpt 30 days unless b except in full, IA or any agen	r Sampling & T d Limit of Quar imated by pola ansmission Ele ive for samples the customer without the wri cy of the U.S. (esting of Possi ntification (LOC rized light micr ectron Microsco s which consist requests other tten approval c Government.	ible Carbon Bla a) is 1.0%. Con- coscopy, materi- opy) analysis. t of Tape-lifts o wise. Test res- of the laborator	ack Fugitive Er mbustion By-P ial transmitted The TEM is eq nly.) The pH is ults apply to th y. This report	nissions or Oth roduct (CBP) p light, and reflec uipped with an s measured to e sample as re must not be us	ier ercentage ted light EDS (energy two decimal ceived. ed by the



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Combustion By-Product (CBP) Laboratory Report

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

Job Location: Longfellow Elementary School 1065 East Washington Boulevard Pasadena, CA 91104

Sample #	11	12								
Sample Type		12	13	14	15	16	17	18	19	20
eample 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.	<1%	N.D.	N.D.	N.D.	<1%	<1%	N.D.	<1%
Char (Carbonized Material)	N.D.	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	7.24	7.28	6.97	7.13	6.84	6.89	7.23	7.10	6.74	6.85
Location	Building A - 1st Floor: Room A112 - West Window Sill	Building A - 1st Floor: Room A114 - Top of Teacher's Desk	Building A - 1st Floor: Room A116 - West Window Sill	Building A - 1st Floor: Room A118A - Library Bookshelf	Building A - 1st Floor: Room A120A - West Window Sill	Building A - 1st Floor: Room A122 - Teacher's Lounge Sink Countertop	Building A - 1st Floor: Room A117 - Inside "Serena's" Box	Building A - Basement: Room A104 - Top of East Cabinet	Building A - Basement: Serving / Kitchen - Top of Serving Counter	Building A - Basement: Room A107 - Top of Desk by Drums
Notes										
Components:										
Fibrous Material	Х	Х	Х	х	Х	Х	Х	Х	х	Х
Fungal Material							Х			
Material Consistent With Carbon Black										
Paint										
Plant Material										
Rupper Rust/Motal Elakos										
Other	v	v	v	v	v	Y	v	Y	Y	v
		^		~	~	^	^		^	
Samples were analyzed Environmental Particula	in accordance te, or Both (mo	with ASTM D6 dified). Limit o	602-13: Standa f Detection (LC	ard Practice fo DD) is 1.0% an	r Sampling & T d Limit of Quar	esting of Possi ntification (LOC	ible Carbon Bla)) is 1.0%. Cor	ack Fugitive Er	nissions or Oth roduct (CBP) p	ner bercentage

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.



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Combustion By-Product (CBP) Laboratory Report

Customer: Pasadena Unified School District 351 South Hudson Avenue Pasadena, CA 91109 Job Location: Longfellow Elementary School 1065 East Washington Boulevard Pasadena, CA 91104

Lab ID	1525011094	1525011095	1525011096	1525011097	1525011098	1525011099	1525011100	1525011101	1525011102	1525011103
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	Micro-vac, 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.	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	7.04	6.93	7.03	6.92	6.32	7.19	7.14	7.35	6.87	6.98
Location	Building A - Basement: Room A110 - Top of Teacher's Desk	Building A - Basement: Room A111 - Top of Table by West Window	Building A - Basement: Girl's Restroom - North Window Ledge	Building A - Basement: Cafeteria - Top of Table by South Window	Building B - 1st Floor: Room B102 - Carpet Floor	Building B - 1st Floor: Room B103 - Door Handle	Building B - 1st Floor: Wash Area (B104 / 105) - Top of Towel Dispenser	Building B - 1st Floor: Room B105 - Door Handle	Building B - 2nd Floor: Room B101 - Top of Student's Desk	Building B - 2nd Floor: Room B101D - Top of Counter
Notes										
Components:										
Fibrous Material Fungal Material Material Consistent With Carbon Black Paint Plant Material Rubber Rust/Metal Flakes Other	X	X	X	X	x	X	X	X	X	X X X X

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.



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Combustion By-Product (CBP) Laboratory Report

Customer: Pasadena Unified School District 351 South Hudson Avenue Pasadena, CA 91109 Job Location: Longfellow Elementary School 1065 East Washington Boulevard Pasadena, CA 91104

Lab ID	1525011104	1525011105	1525011106	1525011107						
Sample #	31	32	33	34						
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Micro-vac, Tape-lift						
Soot (Black Carbon)	N.D.	N.D.	N.D.	N.D.						
Char (Carbonized Material)	N.D.	N.D.	N.D.	N.D.						
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.						
рН	7.22	7.28	7.16	6.58						
Location	Building B - 2nd Floor: Room 100 - Top of Teacher's Desk	Building C (Child Center): Room 2	Building C (Child Center): Office - East Window Sill	Building C (Child Center): Room 1 - Top of Carpet						
Notes										
Components:										
Fibrous Material	х	х	х	х						
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material										
Rubber										
Rust/Metal Flakes			Х							
Other										
Samples were analyzed Environmental Particula obtained through calibr microscopy analysis, w dispersive x-ray spectro places via a calibrated Results are not blank c	d in accordance ate, or Both (mo ated visual estir hereas soot is o oscope) for soot pH meter. All s orrected. This	with ASTM De odified). Limit of mation (CVE). confirmed and t elemental cor amples are dis report shall not	602-13: Stand of Detection (LC Char and ash visually estimat nposition. *(Sc posed of after be reproduced	ard Practice fo DD) is 1.0% an are visually est ed by TEM (Tr bot is presumpt 30 days unless d except in full	r Sampling & T d Limit of Quar imated by pola ansmission Ele ive for samples the customer without the wri	esting of Poss ntification (LOC rized light mic ectron Microsc s which consis requests other tten approval of	ible Carbon Bla a) is 1.0%. Co oscopy, mater opy) analysis. t of Tape-lifts o wise. Test res of the laborator	ack Fugitive Er mbustion By-P ial transmitted The TEM is eq nly.) The pH is ults apply to th y. This report	nissions or Oth roduct (CBP) p light, and reflec uipped with an s measured to e sample as re must not be us	ner bercentage cted light EDS (energy two decimal ceived. ed by the

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