## Please visit our Frequently Asked Questions for detailed information on these reports. pusd.us/firerelief-safety

EN CH	ENVIRO CHECK <sup>22</sup>				11 West Orangewood Avenue Orange, CA 92868 Tel: (714) 937-0750 Fax: (714) 937-0755 www.envirocheck.com (800) 665-7586			Page 1 of 3				
Combustion By-Pro	oduct (CBP)	Laboratory F	Report					Ĺ	ab ID # 151772			
Customer: Pasadena Unified School District 351 South Hudson Avenue Pasadena, CA 91109				Job Location: Hamilton Elementary 2089 Rose Villa Street Pasadena, CA 91107								
Lab ID	1525010198	1525010199	1525010200	1525010201	1525010202	1525010203	1525010204	1525010205	1525010206	152501020		
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	Micro-vac, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Micro-vac, 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.	<1%		
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.		
рН	7.18	7.27	7.18	7.08	7.02	6.76	7.00	7.21	6.65	7.37		
Location	A102 - Blockshelf	A107 - East Fixture at Window	A - 2nd Floor Corridor Window North	A204 - Teacher's Desk	A202 - Area Carpet	B - Lounge Table Top	B - Entry Door Handle Main			B - Front Offic Carpet		
Notes												
Components:						<u> </u>	<u> </u>		<u> </u>	<u> </u>		
Fibrous Material Fungal Material	x	X	x	X	X	X	x	X	х	x		
Material Consistent With Carbon Black		!										
Paint Plant Material		<u> </u> '	<b> </b>	<sup>'</sup>	x	x		X X	x	x		
Rubber		<b>├</b> ───┤	<u> </u>		^	^		^	^	^		
Rust/Metal Flakes		x	<u> </u>	х				х		х		
Other	х	х	х	х	х	х	х	х	х	х		
Sampled: 01/17/2025	5	Received: 0	01/18/2025	Analyzed:	01/18/2025			Rep	oort: 01/20/20	025		
Analysts:	Carrow Jack			Admin QC: CN Elaine Espigue Lab QC: RCC								
Samples were analyzed Environmental Particula obtained through calibra microscopy analysis, wh	ate, or Both (mo ated visual estir	e with ASTM D6 odified). Limit o mation (CVE).	of Detection (LC Char and ash	OD) is 1.0% an are visually est	or Sampling & T nd Limit of Quar timated by pola	ntification (LOC arized light micr	Q) is 1.0%. Co roscopy, mater	mbustion By-Pr	nissions or Oth roduct (CBP) p light, and reflec	her bercentage cted light		

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: Hamilton Elementary 2089 Rose Villa Street Pasadena, CA 91107

Lab ID	1525010208	1525010209	1525010210	1525010211	1525010212	1525010213	1525010214	1525010215	1525010216	152501021
Sample #	11	12	13	14	15	16	17	18	19	20
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Micro-vac, 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.	<1%	N.D.	N.D.	N.D.	N.D.	N.D.	<1%	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	6.84	7.21	6.73	6.74	6.92	6.66	6.92	6.90	7.07	7.02
Location	C - East Entry Door Handle	C - Auditorium Piano Top	C - Service Counter	C - Kitchen Serving Line	D111 - Library Window Sill	D115 - Projector Stand	D225 - Desk Top	D111 - Library Carpet	Multipurpose - E141 Window Sill	F - Desk
Notes										
Components:										
Fibrous Material	х	х	Х	х		х	Х	х	Х	х
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material Rubber		x	х			x	Х	х	x	
		Х					Х	Х		х
Rust/Metal Flakes		х	х	х	х	х	х	х	х	х

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-Pro	oduct (CBP)	Laboratory R	eport					L	46 ID # 151772			
Customer:		Jnified School Hudson Avenu CA 91109		ct Job Location: Hamilton Elementary 2089 Rose Villa Street Pasadena, CA 91107								
Lab ID	1525010218											
Sample #	21											
Sample Type	Wipe, Tape-lift											
Soot (Black Carbon)	N.D.											
Char (Carbonized Material)	N.D.											
Ash (Carbonized Material)	N.D.											
рН	7.39											
Location	H - Desk at Window											
Notes												
Components:		·		_L								
Fibrous Material	Х											
Fungal Material		───┤										
Material Consistent With Carbon Black Paint												
Plant Material				+								
Rubber												
Rust/Metal Flakes Other	X	╂────╂		+								
Other	Х	<u> </u>										
					_	_		-	_			
		·			_	_			_	_		
Samples were analyzed Environmental Particula obtained through calibra microscopy analysis, wh dispersive x-ray spectro places via a calibrated p Results are not blank co client to claim product c	ate, or Both (mo ated visual estir hereas soot is c oscope) for soot pH meter. All so orrected. This r	odified). Limit of mation (CVE). C confirmed and vi ot elemental com samples are disp report shall not b	f Detection (L Char and ash isually estima position. *(S posed of after be reproduce	DD) is 1.0% and are visually est ated by TEM (Tr Soot is presumpt r 30 days unless ad except in full,	Id Limit of Quart timated by pola cansmission Elective for samples the customer without the wri	ntification (LOC nrized light micr ectron Microsco s which consist requests other itten approval o	<ul> <li>a) is 1.0%. Co oscopy, mater</li> <li>bpy) analysis.</li> <li>of Tape-lifts o</li> <li>wise. Test res</li> </ul>	mbustion By-P ial transmitted The TEM is eq nly.) The pH is ults apply to th	roduct (CBP) p light, and reflec uipped with an s measured to t e sample as re	ercentage cted light EDS (energy two decimal ceived.		