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

EN CH	IVIRC IECK		221	Orange, (Tel: (714) Fax: (714) www.enviro	West Orangewood Avenue Page Orange, CA 92868 761: (714) 937-0750 Fax: (714) 937-0755 7755 www.envirocheck.com (800) 665-7586					Page 1 of 3	
Combustion By-Pro	oduct (CBP) I	_aboratory R	Report				Lab 1D # 151772				
Customer: Pasadena Unified School Distric 351 South Hudson Avenue Pasadena, CA 91109				Job Location: Sierra Madre Elementary School 141 West Highland Avenue Sierra Madre, CA 91024							
Lab ID	1525010669	1525010670	1525010671	1525010672	1525010673	1525010674	1525010675	1525010676	1525010677	1525010678	
Sample #	1	2	3	4	5	6	7	8	9	10	
Sample Type	Wipe,	Wipe,	Micro-vac,	Wipe,	Wipe,	Wipe,	Wipe,	Wipe,	Wipe,	Micro-vac,	
Soot (Black Carbon)	Tape-lift N.D.	Tape-lift N.D.	Tape-lift N.D.	Tape-lift N.D.	Tape-lift N.D.	Tape-lift N.D.	Tape-lift N.D.	Tape-lift N.D.	Tape-lift N.D.	Tape-lift N.D.	
Char (Carbonized Material)	<1%	<1%	N.D.	<1%	N.D.	N.D.	N.D.	N.D.	<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.	
рН	7.57	7.41	7.76	7.53	7.26	7.25	7.35	7.44	7.49	7.10	
Location	Building A - Teacher's Lounge: East Window Sill	Building A - Kitchen	Building A - Auditorium: Top of Seat	Building A - Auditorium: Hardwood Floor of Stage	Building A - Library: Top of North Bookshelf by Window	Building A - Office 206: Psychologist Desk	Building A - Room 203: Top of Student Desk (Central)	Building A - Room 204: Teacher's Desk (West)	Building A - Room 201: North Window Sill by Bins	Building A - Room 103: Carpet Floor b North Windov	
notes											
Components:				1				-		•	
Fibrous Material Fungal Material Material Consistent With Carbon Black		X	x x	X X	X	X	X	X	X	X	
Paint Plant Material	v	v	v						v		
Rubber	X	X	x	x					X	x	
Rust/Metal Flakes				х			x				
Other	Х	Х	х	х	Х	Х	х	х	х	х	
Sampled: 01/21/202	5	Received: 0	1/22/2025	Analyzed:	01/22/2025			Rep	oort: 01/22/20)25	
Analysts:	Erasmo Lopez		J	Arturo Valdez			Admin QC: CN Lab QC: RCC				
Samples were analyzed Environmental Particula obtained through calibra microscopy analysis, wi dispersive x-ray spectro places via a calibrated p Results are not blank c	ate, or Both (mo ated visual estin hereas soot is c oscope) for soot pH meter. All sa	dified). Limit o nation (CVE). onfirmed and v elemental com amples are disp	f Detection (LC Char and ash risually estimat nposition. *(Sc posed of after	DD) is 1.0% an are visually est ted by TEM (Tr pot is presumpt 30 days unless	d Limit of Quar imated by pola ansmission Ele ive for samples the customer	ntification (LOC rized light micr ectron Microsco which consist requests other	Q) is 1.0%. Cor oscopy, materi opy) analysis. t of Tape-lifts of wise. Test rest	mbustion By-P al transmitted The TEM is eq nly.) The pH is ults apply to the	roduct (CBP) p light, and reflect uipped with an s measured to e sample as re	percentage cted light EDS (energy two decimal cceived.	

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Combustion By-Product (CBP) Laboratory Report

Customer: Pasadena Unified School District 351 South Hudson Avenue Pasadena, CA 91109 Job Location: Sierra Madre Elementary School 141 West Highland Avenue Sierra Madre, CA 91024

Lab ID	1525010679	1525010680	1525010681	1525010682	1525010683	1525010684	1525010685	1525010686	1525010687	1525010688
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	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)	N.D.	N.D.	N.D.	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.
рН	7.38	7.39	7.57	7.29	7.45	7.41	7.57	7.84	7.13	6.98
Location	Building A - Room 104: Top of East Bookshelf	Building A - Room 111: Teacher's Desk by North Window	Building A - Room 112: (Main Office) West Desk Near Window	Building A - Room 105: Top of Student Desk	Building B - Room 176: Top of East Bookshelf by Window	Building B - Room 175: Teacher's Desk	Building B - Room 178: Top of Student Desk	Building B - Room 181: Custodial Office Table	Building B - Room 278: Teacher's Desk (East)	Building B - Room 276: Top of Carpet
Notes										
Components:										
Fibrous Material Fungal Material Material Consistent With Carbon Black Paint	X	X	X	X	X	X	X	X	X	X
Plant Material						х	х			
Rubber			х							
Rust/Metal Flakes		Х								
Other	х	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-Product (CBP) Laboratory Report

Customer: Pasadena Unified School District 351 South Hudson Avenue Pasadena, CA 91109 Job Location: Sierra Madre Elementary School 141 West Highland Avenue Sierra Madre, CA 91024

_ab ID	1525010689	1525010690	1525010691	1525010692	1525010693	1525010694	1525010695	1525010696	1525010697	
Sample #	21	22	23	24	25	26	27	28	29	
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	
Soot (Black Carbon)	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.	<1%	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.	
рH	7.70	6.85	7.40	7.14	7.46	7.03	7.33	6.54	7.11	
Location	Building B - Room 277: Student Desk	P1: North Window Ledge	P1: Top of Student Desk	Building C - Room 121: Top of Teacher's Desk	Building C - Room 123: Vinyl Floor by East Door	Building C - Room 124: Top of Student Desk	Building C - Room 126: Countertop of Sink	Building C - Room 127: Carpet Near South Door	Building C - Room 127: Table by West Entry	
Notes										
Components:										
Fibrous Material	х	Х	Х	Х	Х	Х	Х	Х	Х	
Fungal Material										
Material Consistent With Carbon Black										
Paint										
ann		х								
Plant Material Rubber							х			
Plant Material	x		х							

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.