



**ENVIRO
CHECK**

2211 West Orangewood Avenue
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(800) 665-7586



Combustion By-Product (CBP) Laboratory Report

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

Job Location: Wilson Middle School
300 South Madre Street
Pasadena, CA 91107

Lab ID	1525010347	1525010348	1525010349	1525010350	1525010351	1525010352	1525010353	1525010354	1525010355	1525010356
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	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.
pH	6.37	6.79	6.90	6.99	6.69	6.95	7.10	7.06	6.96	6.86

Location	Building A: Room 221 - Northeast Window Sill	Building A: Room 217 - Floor Near Door	Building A: Room 214 - Top of Southeast Cabinet	Building A: Room 209 - Top of Cabinet Near South Door	Building A: Library - Carpet Floor Near Northeast Door	Building A: Room 202 - Teacher's Desk	Building A: Room 116 - Floor Near Northeast Door	Building A: Room 113 - Top of Center Student Desk	Building A: Room 106 - West Window Ledge	Building A: Nurses Office - Top of Desk Near Southeast Door
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Notes										
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Components:

Fibrous Material	X	X	X	X	X	X	X	X	X	X
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material										
Rubber										
Rust/Metal Flakes		X			X	X	X			
Other									X	

Sampled: 1/19 & 23/2025 Received: 1/20 & 24/2025 Analyzed: 01/20/2025 1/24/2025 Report: 01/24/2025

Analysts: *Matthew Fonda* *Erasmio Lopez* *Arturo Valdez* Admin QC: CN
 Matthew Fonda Erasmio Lopez Arturo Valdez 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 spectroscopy) 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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Customer: Pasadena Unified School District
 351 South Hudson Avenue
 Pasadena, CA 91109

Job Location: Wilson Middle School
 300 South Madre Street
 Pasadena, CA 91107

Lab ID	1525010357	1525010358	1525010359	1525010360	1525010361	1525010362	1525010363	1525010364	1525010365	1525010366
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	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.
pH	6.96	6.86	7.20	7.34	6.92	6.77	6.91	7.27	7.47	7.18
Location	Building A: 1st Floor - Boys Restroom: Tile Floor Near Door	Building A: Teacher's Lounge: File Cabinet Near North Door	Building D: 2nd Floor - Girl's Restroom: Tile Window Ledge	Building D: Room 209B - Wood Floor Near Door	Building D: Room 208 - Wood Floor Near Door	Building G: Room G12 - Top of File Cabinet Near Door	Building G: Room G10 - Top of West Bookshelf	Building C: Girls Restroom - Tile Floor Near Door	Building C: Room C14 - Top of Northwest Desk	Building R: Room R15 - Floor Near East Door

Notes										
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Components:

Fibrous Material	X	X	X	X	X	X	X	X	X	X
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material				X	X					X
Rubber										
Rust/Metal Flakes	X			X						X
Other										

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.



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

Job Location: Wilson Middle School
 300 South Madre Street
 Pasadena, CA 91107

Lab ID	1525010367	1525010368	1525010369	1525010370	1525010371	1525010372	1525010373	1525010374	1525010375	1525010866
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)	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	7.29	7.33	7.50	7.47	7.32	6.90	6.84	6.94	6.83	6.42

Location	Building R: Room R15 - Top of Teacher's Desk	Building B: Room B17 - Top of Cabinet Near West Door	Building B: Room B18 - Top of File Cabinet at Northeast Window	Building Q: Room Q19 - Floor Next to East Door	Building Q: Room Q20 - Top of Student Door	Building P: Room P30 - Top of Desk Near East Door	Building P: Room P22 - Top of Teacher's Desk	Building NB#1: East Window Sill	Building NB#4: Top of Teacher's Desk	Building E: Lobby Shelf
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Notes										
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Components:	21	22	23	24	25	26	27	28	29	30
Fibrous Material	X	X	X	X	X	X	X	X	X	X
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material	X	X		X	X	X	X	X	X	
Rubber										
Rust/Metal Flakes								X		
Other	X	X	X	X	X	X	X	X	X	

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.



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Job Location: Wilson Middle School
 300 South Madre Street
 Pasadena, CA 91107

Lab ID	1525010867	1525010868	1525010869	1525010870	1525010871	1525010872	1525010873
Sample #	31	32	33	34	35	36	37
Sample Type	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.
Char (Carbonized Material)	N.D.	N.D.	N.D.	<1%	N.D.	N.D.	<1%
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
pH	6.89	6.83	6.71	6.63	6.58	6.94	6.50
Location	Building E: Nursing Mother Room Sink Counter	Building E: Auditorium Carpet by Row M	Building E: Auditorium Row D Seat 5	Building E: Auditorium Stage South Light Base	Building E: Auditorium Stage Prop Table	Building E: Auditorium Backstage Music Stand	Building E: Auditorium Backstage Play Kitchen

Notes										
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Components:

Fibrous Material	X	X	X	X	X	X	X			
Fungal Material										
Material Consistent With Carbon Black										
Paint										
Plant Material										
Rubber										
Rust/Metal Flakes				X						
Other				X	X					

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.