



**ENVIRO  
CHECK**

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**Combustion By-Product (CBP) Laboratory Report**

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

Job Location: Blair Middle School  
1200 South Marengo Avenue  
Pasadena, CA 91106

Lab ID	1525010229	1525010230	1525010231	1525010232	1525010233	1525010234	1525010235	1525010236	1525010237	1525010238
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	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.	N.D.
Char (Carbonized Material)	<1%	N.D.	N.D.	N.D.	<1%	<1%	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.
pH	6.83	6.74	6.98	7.18	6.83	7.20	6.79	6.91	6.57	6.76
Location	Room 1215 - South Concrete Floor	Room 1218 - North Window Sill	Room 1222 - Top of Desk by South Door	Room 1135 - North Tile Floor	Room 1136 - Window Sill by North Door	Room 1123 (Boys) - North Window Sill	Room 1101 - West Window Sill	Room 1103 - Top of Desk by West Window	Room 1108 - Carpet by North Door	Room 1204 - East Window Sill

Notes										
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**Components:**

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

Sampled: 01/18/2025      Received: 01/18/2025      Analyzed: 01/19/2025      Report: 01/20/2025

Analyst: *Matthew Fonda*      Admin QC: CN  
Matthew Fonda      Lab QC: RCC

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  
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Job Location: Blair Middle School  
 1200 South Marengo Avenue  
 Pasadena, CA 91106

Lab ID	1525010239	1525010240	1525010241	1525010242	1525010243	1525010244	1525010245	1525010246
Sample #	11	12	13	14	15	16	17	18
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
Soot (Black Carbon)	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.	<1%	N.D.	N.D.	<1%
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
pH	7.08	6.97	6.95	7.06	8.30	7.25	7.06	7.04
Location	Room 1203 - Concrete Floor by North Door	Room 1201 - Top of Desk (Center)	Room 1115 - Top of Table by Door	Room 1117 - Top of Teacher's Desk	Room 1119 - North East Concrete Floor	Room 1210 - Top of North Desk	Room 1200 - Top of Window Ledge	Room 1207 - Concrete Floor by Door

Notes										
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**Components:**

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