



**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: Washington Children's Center  
130 East Penn Street  
Pasadena, CA 91103

Lab ID 1525011748 1525011749 1525011750 1525011751

Sample #	1	2	3	4
Sample Type	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, Tape-lift	Wipe, 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.
pH	7.34	7.32	7.23	7.56

Location	Building 2 - Desk at Window	Building 3 - Conference Table	Building 5 - Bookshelf	Building 7 - Table at Window
Notes				

Notes

**Components:**

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

Sampled: 01/30/2025 Received: 01/30/2025 Analyzed: 01/31/2025 Report: 01/31/2025

Analyst: *Russell Chhith* Admin QC: CN  
Russell Chhith Lab QC: MF

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.