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**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: Jefferson Children's Center
391 North Sierra Bonita
Pasadena, CA 91106

Lab ID	1525010247	1525010248	1525010249	1525010250	1525010251
Sample #	1	2	3	4	5
Sample Type	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.
Char (Carbonized Material)	<1%	N.D.	N.D.	<1%	N.D.
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.
pH	7.24	6.99	6.88	6.82	6.39

Location	North Building - Room 6 - Countertop by North Window	North Building - Girl's Restroom North Window Sill	South Building - Office Top of Desk	South Building - Room 3 - Top of Cabinet	South Building - Room 4 - Carpet (West Section)

Notes														
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Components:

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