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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 Elementary School
 1500 East Villa Street
 Pasadena, CA 91106

Lab ID	1525011744	1525011745	1525011746	1525011747
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	6.90	7.16	6.77	7.21

Location	26 - Countertop	27B - Window Sill	27A - Bookshelf	27 A/B - Hangar Rack

Notes																			
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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.