



2211 West Orangewood Avenue
 Orange, CA 92868
 Tel: (714) 937-0750
 Fax: (714) 937-0755
www.envirocheck.com
 (800) 665-7586



Combustion By-Product (CBP) Laboratory Report

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

Job Location: Washington Elementary School
 1520 North Raymond Avenue
 Pasadena, CA 91103

Lab ID	1525010542	1525010543	1525010544	1525010545	1525010546	1525010547	1525010548	1525010549	1525010550	1525010551
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	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	6.59	6.91	8.21	7.09	6.96	6.43	7.00	7.37	7.73	8.06

Location	Building A - A102 Teachers Desk	Building A - Library Book Shelf	Building A - A106 Student Desk	Building A - A110 Teachers Desk	Building A - A115 Window Sill South	Building A - A206 Student Desk	Building A - A208 Window Sill South	Building A - A212 Student Desk	Building A - A120 Top of Refrigerator	Building B - B10 Top of Dryer
----------	---------------------------------	---------------------------------	--------------------------------	---------------------------------	-------------------------------------	--------------------------------	-------------------------------------	--------------------------------	---------------------------------------	-------------------------------

Notes										
-------	--	--	--	--	--	--	--	--	--	--

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		X	X	X
Rubber										
Rust/Metal Flakes										
Other	X	X	X	X	X	X	X	X	X	X

Sampled: 01/20/2025 Received: 01/21/2025 Analyzed: 01/21/2025 Report: 01/21/2025

Analysts: *Arturo Valdez* *Erasmio Lopez* *Russell Chhith* Admin QC: CN
 -Arturo Valdez Erasmio Lopez Russell Chhith 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 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.



2211 West Oranewood Avenue
 Orange, CA 92868
 Tel: (714) 937-0750
 Fax: (714) 937-0755
 www.envirocheck.com
 (800) 665-7586



Combustion By-Product (CBP) Laboratory Report

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

Job Location: Washington Elementary School
 1520 North Raymond Avenue
 Pasadena, CA 91103

Lab ID	1525010552	1525010553	1525010554	1525010555	1525010556	1525010557	1525010558	1525010559	1525010560	1525010561
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.	<1%	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	7.63	7.68	5.73	7.17	9.30	7.80	7.36	6.73	6.40	7.54

Location	Building B - B100 Window Sill South	Building B - B110 Top of Filing Cabinet	Building B - B112 Student Desk	Building B - B114 Floor West	Building C - C101 Top of Cabinet	Building C - C113 Teachers Desk	Building C - C119 Student Desk	Building C - C202 Bookshelf	Building C - C207 Top of Shelf	Building D - Food Service Floor South
----------	-------------------------------------	---	--------------------------------	------------------------------	----------------------------------	---------------------------------	--------------------------------	-----------------------------	--------------------------------	---------------------------------------

Notes										
-------	--	--	--	--	--	--	--	--	--	--

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	X	X	X	X	X	X	X
Rubber										
Rust/Metal Flakes										
Other	X	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 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.



2211 West Orangetwood Avenue
 Orange, CA 92868
 Tel: (714) 937-0750
 Fax: (714) 937-0755
 www.envirocheck.com
 (800) 665-7586



Combustion By-Product (CBP) Laboratory Report

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

Job Location: Washington Elementary School
 1520 North Raymond Avenue
 Pasadena, CA 91103

Lab ID	1525010562	1525010563	1525010564	1525010565	1525010566
Sample #	21	22	23	24	25
Sample Type	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.
Char (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.
Ash (Carbonized Material)	N.D.	N.D.	N.D.	N.D.	N.D.
pH	7.28	7.47	7.73	8.72	7.09
Location	Building D - Kitchen Top of Sink	Building D - Cafeteria Top of Piano	Building E - E122 Counter	Building E - E123 Teachers Desk	Building E - E124 Floor Southwest

Notes										
-------	--	--	--	--	--	--	--	--	--	--

Components:

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