



# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7000B



**Customer:** Scientific Analytical Institute, Inc.  
4604 Dundas Dr.  
Greensboro, NC 27407

**Attn:** Nathan Durham

**Lab Order ID:** 10033064

**Analysis:** PBP

**Date Received:** 09/20/2023

**Date Reported:** 09/21/2023

**Project:** Pb Demonstration Report

Sample ID	Description	Mass (g)	Concentration (ppm)	Concentration (% by weight)
Lab Sample ID	Lab Notes			
Sample - 01	Green paint - building 4 north wall	0.0814	<49	<0.0049%
10033064_0001				
Sample - 02	Yellow paint - building 4 south wall	0.0600	880	0.088%
10033064_0002				
Sample - 03	Mauve paint - building 4 east wall	0.1135	240	0.024%
10033064_0003				
Sample - 04	Green paint - building 4 west wall	0.0529	7500	0.75%
10033064_0004				
Sample - 05	Red paint - building 5 window frame	0.0965	27000	2.7%
10033064_0005				
Sample - 06	Sea foam - building 5 door frame	0.0782	450	0.045%
10033064_0006				
Sample - 07	Rust paint - building 5 north wall	0.1185	43000	4.3%
10033064_0007				
Sample - 08	White paint - building 5 south wall	0.0491	74000	7.4%
10033064_0008				

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb).

Matthew Caffey (10)

Analyst

Approved Signatory

Scientific Analytical Institute, Inc. 4604 Dundas Dr. Greensboro, NC 27407 (336) 292-3888



# Analysis for Lead Concentration in Paint Chips

by Flame Atomic Absorption Spectroscopy  
EPA SW-846 3050B/6010C/7000B



**Customer:** Scientific Analytical Institute, Inc.  
4604 Dundas Dr.  
Greensboro, NC 27407

**Attn:** Nathan Durham

**Lab Order ID:** 10033064

**Analysis:** PBP

**Date Received:** 09/20/2023

**Date Reported:** 09/21/2023

**Project:** Pb Demonstration Report

Sample ID	Description	Mass (g)	Concentration (ppm)	Concentration (% by weight)
Lab Sample ID	Lab Notes			
Sample - 09	Tan paint - building 5 west wall	0.0993	<40.	<0.0040%
10033064_0009				
Sample - 10	Purple paint - building 5 east wall	0.0746	<54	<0.0054%
10033064_0010				

Disclaimer: Unless otherwise noted blank sample correction was not performed on analytical results. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. Analytical uncertainty available upon request. The quality control samples run with the samples in this report have passed all EPA required specifications unless otherwise noted. RL: (Report Limit for an undiluted 50ml sample is 4µg Total Pb).

Matthew Caffey (10)

Analyst

Approved Signatory