

Environmental Testing Environmental Lead

General Information

Analysis for lead in paint chips, wipes, soil and air filters is routine. Various foods, toys, flatware and other items also can be tested. Contact the laboratory for instructions. Lead in environmental samples is analyzed by inductively coupled plasma – atomic emission spectrometry. Submitter should contact the laboratory for special instructions. The laboratory is accredited by the American Industrial Hygiene Association (AIHA) according to requirements of the National Lead Laboratory Accreditation Program (NLLAP).

Special Requirements for Paint, Dust Wipes and Soil Testing

Paint chips, dust wipes and soil samples will be accepted only from Illinois Department of Public Health's Division of Environmental Health, local health departments or other public agencies. The laboratory will supply sample containers and dust wipe media on request. Paint chips should be free of underlying matrix and are analyzed as submitted. A minimum of 200 mg is required. Results will be reported in percent content. Only dust wipes supplied by the laboratory will be accepted. Dust wipes must be packaged separately in 50 mL centrifuge tubes to avoid cross contamination. A control should be supplied along with each batch of submitted wipes. Results will be reported in total content. Submit soil samples in 50 mL centrifuge tubes. A minimum of 5 g of soil shall be submitted. Results will be reported in micrograms per gram of dried soil.

Table 22. Environmental Lead

Test	Submission container	Performed at	TAT Days
Lead (Pb)	Lab supplied container [X]	Ch	5