



Laboratory Quality Assurance Program
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6/18/2007

Charles Manning
AT Labs, a Unit of Assay Technology
250 DeBartolo Place
Suite 2525
Youngstown, OH 44512

Lab ID# 100903

Dear Charles,

Please find your laboratory's Environmental Lead Proficiency Analytical Testing (ELPAT) **Round 59** results for Paint, Soil and Dust. The deadline to order an ELPAT 59 retest is June 29, 2007. ELPAT Round 60 sample kits will be mailed to laboratories on August 1, 2007. Your laboratory's data will be due by 11:59PM EST on September, 1 2007.

Please handle, store and analyze your laboratory's PAT samples in the same manner as routine client samples. To submit results, visit the Proficiency Analytical Testing (PAT) page and click on the PAT Data Entry Portal:
<http://www.aiha.org/Content/LQAP/PT/pt.htm>

Your laboratory's password needed to access the PAT Data Entry Portal is provided in the upper right hand corner (next to your lab ID#) of the address label on the results submission form included with your PAT samples.

Please note: Print and save the confirmation page after submitting data via the AIHA PAT Data Entry Portal.

The AIHA Laboratory Quality Assurance Program Policies and Application for AIHA Accreditation are available on-line.

<http://www.aiha.org/Content/LQAP/documents/documents.htm>

Note: The Policies for 2007 comply with ISO/IEC 17025:2005

I encourage you to contact me with any feedback, questions or if you wish to contest your results at (703) 846-0797.

Sincerely,

Natasha Sekitoleko
PAT Data Specialist.

Environmental Lead Proficiency Analytical Testing Results

This document contains three sub-reports relating to ELPAT Round 59. The first report contains your laboratory's results listed per contaminant, per sample. The second report contains your past proficiency data for 2 and 4 rounds respectively (where applicable), and the final report contains summary results for all laboratories for ELPAT round 59.

Testing Results for ELPAT Round 59

This part of your report contains your laboratory's results listed per contaminant, per sample.

Contaminant	Units	#	Result	Reference Value	Lower Limit	Upper Limit	z-Score	Rating
Paint Chips	%	1	0.2460	0.3210	0.2553	0.3867	-3.4	U
	%	2	0.9200	1.0369	0.8088	1.2649	-1.5	A
	%	3	1.1600	1.3163	1.0408	1.5917	-1.7	A
	%	4	1.7400	1.9332	1.5036	2.3627	-1.3	A
Soil	mg/kg	1	395.0000	390.9950	335.9996	445.9903	0.2	A
	mg/kg	2	213.0000	212.1304	174.4870	249.7738	0.1	A
	mg/kg	3	121.0000	114.7524	85.1753	144.3296	0.6	A
	mg/kg	4	77.3000	72.2315	50.6879	93.7751	0.7	A
Dust Wipes	ug	1	158.0000	163.2292	122.4199	204.0386	-0.4	A
	ug	2	250.0000	278.4831	198.4656	358.5005	-1.1	A
	ug	3	127.0000	120.6306	90.2531	151.0081	0.6	A
	ug	4	55.4000	60.5589	44.1825	76.9353	-0.9	A

Please note:

Reference value is the mean of the reference laboratories

Lower limit: reference value - 3 standard deviations

Upper limit: reference value + 3 standard deviations

A: Acceptable* Analysis; U: Unacceptable Analysis

Z-Score = (reported result - reference value)/standard deviation

*Note: The acceptability of reported results is based on upper and lower performance limits.

Overall Performance Summary Concluding with 59

The following table contains overall proficiency results for 2 and 4 rounds respectively (where applicable).

Sample	Round	Round Performance	2 Rounds	2 Round %	4 Rounds	4 Round %	Proficiency Status
Paint	56	4/4					
	57	4/4					
	58	3/4					
	59	3/4	6/8	75%	14/16	88%	P
Soil	56	4/4					
	57	4/4					
	58	4/4					
	59	4/4	8/8	100%	16/16	100%	P
Dust	56	4/4					
	57	4/4					
	58	4/4					
	59	4/4	8/8	100%	16/16	100%	P

Please note:

The denominators represent the total number of samples analyzed.

The numerators represent the number of acceptable results.

P – Proficient; NP – Non-proficient.

A laboratory is rated proficient (P) for the applicable FoT/Method(s), if

- 1) for the last two consecutive PT rounds, all samples are analyzed and the results are 100% acceptable or
- 2) three-fourths (75%) or more of the accumulated results over four PT rounds are acceptable.

If a lab receives samples and does not report the data, the results will be treated as outliers.

