



Your Essential
Connection

7/12/2006

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 55** results for Paint, Soil and Dust. ELPAT Round 56 sample kits will be mailed to laboratories on August 1, 2006. Your laboratory's data will be due by 11:59PM EST on September 1, 2006.

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 Programs, Policies and Application for AIHA Accreditation are available on-line.

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

Note: The Policies for 2006 comply with ISO 17025.

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 55. 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 55.

Testing Results for ELPAT Round 55

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	1.7200	1.8534	1.4849	2.2218	-1.1	A
	%	2	0.0659	0.0676	0.0522	0.0831	-0.3	A
	%	3	0.8850	0.9200	0.7330	1.1071	-0.6	A
	%	4	0.2640	0.2705	0.2175	0.3234	-0.4	A
Soil	mg/kg	1	209.0000	195.7261	158.6905	232.7618	1.1	A
	mg/kg	2	254.0000	235.3907	190.2698	280.5117	1.2	A
	mg/kg	3	435.0000	425.8404	355.0356	496.6453	0.4	A
	mg/kg	4	92.0000	86.4797	61.3854	111.5741	0.7	A
Dust Wipes	ug	1	287.0000	280.1222	198.5654	361.6790	0.3	A
	ug	2	68.6000	73.0101	53.4516	92.5686	-0.7	A
	ug	3	112.0000	119.0204	89.2518	148.7891	-0.7	A
	ug	4	394.0000	390.1734	279.2027	501.1441	0.1	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

Overall Performance Summary Concluding with 55

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	52	4/4					
	53	4/4					
	54	4/4					
	55	4/4	8/8	100%	16/16	100%	P
Soil	52	4/4					
	53	4/4					
	54	4/4					
	55	4/4	8/8	100%	16/16	100%	P
Dust	52	4/4					
	53	4/4					
	54	4/4					
	55	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.

