



Your Essential  
Connection

9/18/2006

Yanxia Xie  
Asbestos TEM Laboratories, Inc.  
630 Bancroft Way  
Berkeley, CA 94710

Lab ID# 101754

Dear Yanxia,

Please find your laboratory's Environmental Lead Proficiency Analytical Testing (ELPAT) **Round 56** results for Paint, Soil and Dust. ELPAT Round 57 sample kits will be mailed to laboratories on November 1, 2006. Your laboratory's data will be due by 11:59PM EST on December 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 Program Policies and Application for AIHA Accreditation are available on-line.**

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

**Note: The Policies for 2006 comply with ISO/IEC 17025:1999**

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 56. 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 56.

### Testing Results for ELPAT Round 56

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	2.9400	3.0062	2.5050	3.5074	-0.4	A
	%	2	0.8800	1.1633	0.9664	1.3602	-4.3	U
	%	3	0.6500	0.6738	0.5590	0.7886	-0.6	A
	%	4	0.0790	0.0787	0.0612	0.0962	0.1	A
Soil	mg/kg	1	208.2000	195.0330	150.2217	239.8443	0.9	A
	mg/kg	2	333.6000	322.7672	260.4794	385.0550	0.5	A
	mg/kg	3	123.5000	112.4360	86.4966	138.3755	1.3	A
	mg/kg	4	166.2000	153.9783	120.7488	187.2077	1.1	A
Dust Wipes	ug	1	135.8000	161.1183	117.3037	204.9329	-1.7	A
	ug	2	55.0000	58.7823	41.4932	76.0715	-0.7	A
	ug	3	244.0000	338.4199	223.9801	452.8597	-2.5	A
	ug	4	169.0000	221.3792	154.8501	287.9083	-2.4	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 56

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	53	4/4					
	54	4/4					
	55	4/4					
	56	3/4	7/8	88%	15/16	94%	P
Soil	53	4/4					
	54	4/4					
	55	4/4					
	56	4/4	8/8	100%	16/16	100%	P
Dust	53	4/4					
	54	3/4					
	55	3/4					
	56	4/4	7/8	88%	14/16	88%	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.

