

June 10, 2009

**Filter Paper Blood Lead  
Regulatory 5-sample CMS-approved Program  
Event 2009-2 Summary**

Reporting deadline May 26, 2009

**The next regulatory event ships: September 14, 2009**

This packet contains:

- an evaluation report of results reported by your laboratory for this event
- a cumulative report covering analyte scores over the past three regulatory events
- a statistics report for all methods reported

Please review the reports carefully. Contact us with any questions or comments at (608) 224-6252, or at [toxpt@mail.slh.wisc.edu](mailto:toxpt@mail.slh.wisc.edu)

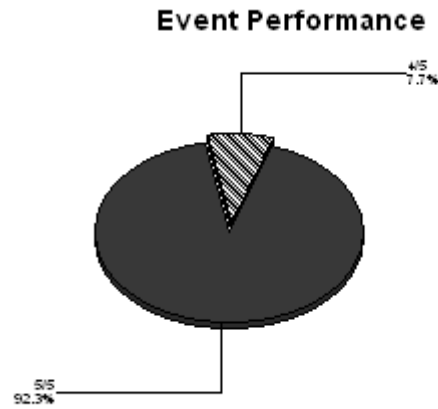
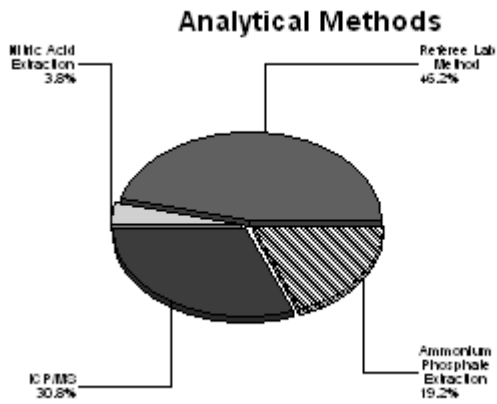
**Important Information:**

**New Summary Report:** We are pleased to make this the first event utilizing a revised statistical summary. The format of the new report will look familiar to labs also participating in the program for liquid blood samples. We hope that the additional information provided in the new reports will be useful. Please note that the referee laboratory data, which are obtained with aliquots of liquid blood, are included in the analytical methods pie chart and performance histograms, as well as counting in the enrollment and reports received totals. We welcome any comments you may have on the new report. This report format will also be employed for the non-regulatory monthly events, along with new individual evaluation reports.

**Performance Data:** Result forms were submitted by 14 participants and the 12 referee laboratories. Satisfactory performance ( $\geq 80\%$  analyte score, or 4/5 correct sample results) was achieved by all of the participants.

**Regulatory Agency Reports:** A list of the agencies receiving copies of results for this PT program can be found in the upper left-hand corner of your individual evaluation report. If additions or other changes to the listed agencies are needed you must notify program staff. Participants in the state of California will see two state agencies listed. This is because a second branch within the California Dept. of Public Health requested a separate copy of the PT data.

**Reporting Deadline** CLIA regulations require that PT providers follow strict adherence to reporting deadlines, absent prior notification. Program staff must be contacted prior to the reporting deadline to avoid a zero score for late results. It is the responsibility of the participating laboratory to monitor shipment dates and reporting deadlines. This information can be found on the program website [www.toxpt.info](http://www.toxpt.info). All participants should print and retain a copy of the fax transmission report indicating successful transmission of results.



### Target and Acceptable Range Information, ug/dL

Group	09FP15	09FP16	09FP17	09FP18	09FP19
<b>Refereed Methods</b>					
Target Value	1	27	18	18	22
Accepted Result	0-5	23-31	14-22	14-22	18-26

### Method Statistics

Refereed Group	09FP15	09FP16	09FP17	09FP18	09FP19
<b>Referee Laboratories (N=12)</b>					
Mean	1.1	27.3	18.4	17.5	22.5
Standard Deviation	0.7	1.7	1.4	1.1	1.3
Number of Results *	12	12	12	12	12
<b>All Laboratories (N=14)</b>					
Mean*	1.3	26.6	19.2	18.0	22.5
Standard Deviation*	0.7	2.7	1.6	1.8	1.4
Participant Results (%Pass)	100	92	100	100	100
<b>Ammonium Phosphate Extraction/GFAA (N=5)</b>					
Mean*	1.2	27.2	19.4	18.2	22.8
Standard Deviation*	0.8	2.6	1.5	2.6	1.8
Participant Results (%Pass)	100	100	100	100	100
<b>Nitric Acid Extraction/GFAA (N=1)</b>					
Mean*	2.0	22.0	18.0	16.0	21.0
Standard Deviation*	0.0	0.0	0.0	0.0	0.0
Participant Results (%Pass)	100	100	100	100	100
<b>ICP/MS (N=8)</b>					
Mean*	1.5	25.9	20.2	19.0	22.6
Standard Deviation*	0.5	3.5	1.5	1.8	1.3
Participant Results (%Pass)	100	88	100	100	100

\* Statistical outliers and alpha-numeric results (e.g. <X) have been excluded from the calculations

† Lack of statistical group consensus; all results deemed acceptable.

