

Filter Paper Blood Lead Proficiency Testing Results March 2009

Table 1. Filter Paper proficiency testing results for March 2009.

Total number of laboratories in Program	13	100%
Number reporting results	13	100%
Non reporting, instrument problems	0	0%
Non responses, no report received	0	0%
Number of laboratories reporting results	13	100%
All three within acceptable range	12	92%
Two of three within acceptable range	1	8%
One of three within acceptable range	0	0%
No results within range	0	0%

Table 2. Participant group statistics for filter paper blood lead measurements ($\mu\text{g}/\text{dL}$)

	N	Mean	SD	Range Reported	
09FP09	12	25.1	1.78	22	29
09FP10	13	13.3	1.89	10	17
09FP11	11	1.5	0.93	0	3

Values outside 1.96 standard deviations of the mean and alpha-numeric results are excluded from these calculations.

Table 3. Target values, acceptable ranges, standard deviations, and results reported by reference laboratories in microgram per deciliter ($\mu\text{g}/\text{dL}$)

	Target Value	Acceptable Range		SD	N
09FP09	26	22	30	1.49	12
09FP10	14	10	18	1.03	12
09FP11	1	0	5	0.30	9

	901	1090	2128	3126	4113	5318	5340	5357	5384	5387	5621	5705
09FP09	26	26	27	27	25	22	25	27	26	25	26	24
09FP10	14	14	15	14	14	11	14	15	14	13	14	14
09FP11	1	<2*	1	1	<2*	<1*	1	1	0	1	1	1

* Result not utilized in target value determination.

Table 4. Participant laboratory results for filter paper blood lead samples ($\mu\text{g}/\text{dL}$)

	3126	5387	5478	5494	5509	5533	5571	5580	5605	5705	6691	8433	10905
09FP09	25	26	32*	25	27	24	29	24	22	24	25	24	26
09FP10	12	16	17	11	14	13	14	13	10	12	14	14	13
09FP11	1	2	3	0	2	1	1	1	3	<1	<2	1	1

* Denotes value outside the acceptable range.