

**Toxicology Proficiency Testing Program  
Blood Lead  
Performance Evaluation**

**Shipment Date: May 06, 2014**

**Test Event: 142**

**PFI: 1067  
Jill Taylor, Ph.D.  
Wadsworth Center - Biggs Laboratory  
PO Box 509 Empire State Plaza  
Albany, NY 12201-0509**

Report reviewed:

\_\_\_\_\_  
Signature

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Date

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The next proficiency test in this category is scheduled for September 09, 2014. If you have any questions regarding your results, please contact Mary Fran Verostek, Ph.D at (518) 474-7161 or [trel@wadsworth.org](mailto:trel@wadsworth.org).

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Clinical Laboratory Reference System  
 Clinical Laboratory Evaluation Program  
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 New York State Department of Health

| Analyte                   | Sample  | Your Response | Target | Acceptable Range | D/Dmax       | Relative Distance from Target |   |   | Score       |
|---------------------------|---------|---------------|--------|------------------|--------------|-------------------------------|---|---|-------------|
|                           |         |               |        |                  |              | -1                            | 0 | 1 |             |
| Lead (ug/dL)<br>- ETAAS-Z | BE14-06 | 8             | 8      | 4 - 12           | 0.00         |                               | x |   | 100         |
|                           | BE14-07 | 4             | 5      | 1 - 9            | -0.25        |                               | x |   | 100         |
|                           | BE14-08 | 28            | 28     | 24 - 32          | 0.00         |                               | x |   | 100         |
|                           | BE14-09 | 22            | 22     | 18 - 26          | 0.00         |                               | x |   | 100         |
|                           | BE14-10 | 16            | 17     | 13 - 21          | -0.25        |                               | x |   | 100         |
| <b>Average D/Dmax:</b>    |         |               |        |                  | <b>-0.10</b> | <b>Analyte Score: 100</b>     |   |   | <b>Pass</b> |

**NOTES:**

- Laboratory results were evaluated using criteria specified by CLIA'88 regulations. The analyte blood lead was evaluated against targets established by a greater than or equal to 90% consensus of 20 measurements performed by 18 reference laboratories using reference systems based on atomic absorption spectrometry, inductively coupled plasma mass spectrometry, and bench-top anodic stripping voltammetry methods.
- D/Dmax: D represents the deviation of a result from the target value. Dmax represents the maximal allowable deviation from that target. For satisfactory performance, the D/Dmax value must fall between -1 and +1. A negative D/Dmax indicates that your result is below the target value; a positive D/Dmax means your result is above the target value. A blank entry in this column indicates that your result either contains a qualifier (< or >) or is non-gradable, in which case "N/G" is shown in the "Score" column. The average D/Dmax is provided to assess overall test performance for each analyte. A close review of your laboratory's results is recommended if D/Dmax is > +/- 0.5 for a result or analyte.
- The graph plots show the relative distance of your laboratory's result (represented by an "X") from the target value for each sample analyzed. Any result exceeding the high or low limit by >25% of the D/Dmax is indicated by a pound sign (#).
- Summaries of participant statistics from this and prior Toxicology - Blood Lead proficiency test events are available on the Internet at: <http://www.wadsworth.org/testing/lead/ptresults.htm>

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| <b>Event:</b>       | <b>May 06, 2014</b> | <b>January 15, 2014</b> | <b>September 11, 2013</b> |            |
|---------------------|---------------------|-------------------------|---------------------------|------------|
| Analyte             | Score               | Score                   | Score                     | Status     |
| Lead (ug/dL)        | 100% Sat            | 100% Sat                | 100% Sat                  | Successful |
| <b>Event Score:</b> | 100% Sat            | 100% Sat                | 100% Sat                  | Successful |

Unsatisfactory (Unsat) performance is the failure to attain the minimum satisfactory score for the category or analyte for a testing event. A second unsatisfactory score in one of the next two testing events for the same analyte or category will result in an unsuccessful performance. Please refer to the CLRS Program Guide, available at [www.wadsworth.org/clep](http://www.wadsworth.org/clep), for category specific grading criteria.

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